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Pomona College

Annual Catalog

1925-1926

Claremont · California

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POMONA COLLEGE BULLETIN

PUBLISHED BI-MONTHLY BY POMONA COLLEGE

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Thirty-eighth Year

Pomona College

ANNUAL CATALOG

REGISTER OF OFFICERS AND TEACHERS FOR THE YEAR 1925 - 1926, REQUIREMENTS FOR ADMISSION, DESCRIPTION OF COURSES AND GENERAL INFORMATION

November, 1925

CLAREMONT, CALIFORNIA

Published by the College

1925

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COLLEGE CALENDAR

1925

September 15, *Tuesday* September 16, *Wednesday*		Registration Days for Freshmen
September 16, *Wednesday* September 17, *Thursday*		Registration Days for Sophomores, Juniors and Seniors. Examinations for entrance.
September 18, *Friday*		Convocation, 8:30 a. m.
September 18, *Friday*		First Semester Classes begin, 10:15 a. m.
October 14, *Wednesday*		Founders Day
November 25, *Wednesday*		Thanksgiving Recess begins, 4:15 p. m.
November 30, *Monday*		Thanksgiving Recess ends, 7:30 a. m.
December 18, *Friday*		Christmas Recess begins, 4:15 p. m.

1926

January 4, *Monday*		Christmas Recess ends, 7:30 a. m.
January 18, *Monday*		Kinney Freshman Contest in Declamation, 8 p. m.
January 20, *Wednesday* to January 30, *Saturday*		Mid-year Examinations
January 30, *Saturday*		First Semester ends
January 30, *Saturday*		Mid-year Graduation
February 1, *Monday*		Registration Day for underclassmen and specials
February 2, *Tuesday*		Registration Day for upperclassmen and graduates
February 3, *Wednesday*		Second Semester Classes begin, 7:30 a. m.
February 18, *Thursday*		Matriculation Day
February 22, *Monday*		Washington's Birthday
April 2, *Friday*		Spring Recess begins, 4:15 p. m.
April 13, *Tuesday*		Spring Recess ends, 7:30 a. m.
May 30, *Sunday*		Memorial Day
June 2, *Wednesday* to June 10, *Thursday*		Final Examinations
June 14, *Monday*		Commencement

SUMMER VACATION

June 21, *Monday*		Summer Session begins
July 30, *Friday*		Summer Session ends
September 15, *Wednesday* September 16, *Thursday*		Registration Days. Examinations for entrance
September 17, *Friday*		Convocation, 8:30 a. m.

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HISTORICAL SKETCH

THE history of the development of Southern California from a land sparsely inhabited and apparently fit only for a cattle range, into a genuine American commonwealth with its multitude of prosperous communities, covers little more than forty years; but this brief span of time has been a period of intense activity and remarkable growth. This epoch of swift progress was inaugurated by the completion of a second transcontinental railway, in this case piercing Southern California directly from the East, together with the sudden awakening to a realization of the great agricultural possibilities of the section through irrigation. A large immigration and a rapid increase in land values were at once induced. New towns sprang up almost in a day and great industrial projects characteristic of such a period were at once inaugurated.

While the commercial and speculative interests were conspicuously in evidence there were among the new settlers, nevertheless, many whose chief concern was for the higher values of life and character. Not least among these were those whose former affiliations had been with New England and its institutions. The Southern California District Association of Congregational Churches, meeting in San Bernardino in 1882, agitated the question of founding a college of the New England type. In 1886 the Association met at Lugonia (now Redlands), when the report of the educational committee was an earnest appeal for such a college. At this meeting a larger educational committee than usual was appointed and was instructed to view locations and invite proposals of aid toward establishing a "Christian College of the New England Type." In accordance with these instructions the committee visited various places from which they had received offers of aid and gave the matter serious and careful consideration.

In May, 1887, the District Association met in Los Angeles and became the General Association of Southern California. This General Association immediately gave full power to its committee of education, not only to select the College site, but to appoint trustees for the prospective institution. Fifteen trustees, two of whom are still members of the board, were duly appointed; the College was incorporated October 14, 1887, under the name of The Pomona College; and a site was selected about four miles north of the city of Pomona.

For the immediate needs of the College a small private house was rented in Pomona, and in it the work of instruction was begun in September, 1888. In the following January an unfinished hotel in Claremont (now Sumner Hall), together with considerable land adjacent, was given to the College and the work was transferred to that place. It was originally supposed that this location would be temporary. Later this plan was abandoned and Claremont was made the permanent seat of the College. By this time, however, the name of "Pomona College," tentatively given, had become so definitely fixed that it has been retained notwithstanding the change of location.

The growth of the College has been swift and constant. The first class was graduated in 1894, at which time the total number of college students was forty-seven. For some time the work of the Preparatory School was of large importance, but later on this was discontinued owing to the increased growth and importance of the College. The maximum number which can now be received is 750. This situation allows the College to accept only two hundred and twenty-five Freshmen, one hundred and twenty-five men and one hundred women, and at the present time compels the rejection of a large number of applications. The original campus of about twelve acres has been enlarged by purchase and by gifts until it now comprises approximately four hundred acres; and this area, together with its buildings, is being developed according to plans carefully worked out by competent

landscape gardeners and architects, the whole growth being in accord with one harmonious plan.

The imperative demand for expansion has led to the careful study of the ways in which the obvious advantages of the small college could be maintained while still making possible the gathering together of the equipment that is justified only in a large university. This study has resulted in the adoption of the group plan of affiliated colleges. To this end "Claremont Colleges" was incorporated October 14, 1925, and arrangements are now being completed to found the first of the new units, to be known as Scripps College for Women in honor of Miss Ellen Browning Scripps, whose generosity and vision make it possible.

All this rapid progress of the institution has been made possible by a most generous company of friends who have responded nobly to the calls of higher Christian education and to the needs of young people. From the very beginning the institution has been the creation of sacrifice, affection and idealism. To a remarkable degree the College has been made possible by a great democracy of high-minded givers, and the character of these benefactors is reflected in the daily life and procedure of the College.

While the College was originally Congregational in organization, it long ago made itself the servant of a wider fellowship. The Board of Trustees is a self-perpetuating body, absolutely free from ecclesiastical control and representing different communions, but obliged, nevertheless, by the College Charter to maintain the institution as truly Christian, though unsectarian. From the first it has been the policy of all concerned in the administration of the institution to maintain a high standard of college life and work, and to put the emphasis upon quality in the development of strong and serviceable Christian manhood and womanhood. Thus the purpose for which the College was founded is expressed in its motto, "*Our Tribute to Christian Civilization.*"

CHARACTER OF THE COLLEGE

POMONA COLLEGE is located at Claremont on the Santa Fe and Pacific Electric Railways, thirty-five miles from Los Angeles. It is connected by the Pacific Electric Railway with Pomona, which is four miles distant, on the Union Pacific and Southern Pacific roads. On the rim of an orchard-covered valley, which is hemmed in on all sides by lofty mountains, and with Mt. San Antonio in the immediate background rising to the height of ten thousand feet, its situation is one of rare beauty. The genial southern climate invites to outdoor life and exercise the year round, while the deep canyons, the rushing streams and the long trails to the heart of the hills allure to the rewarding intimacies of nature. The town of Claremont, which now numbers about two thousand inhabitants, owes its existence to the College, and has the attractive features of the typical college community. The location and situation, within easy reach of the great and growing metropolis of the Southwest, and yet in the quiet retirement of valley and hill, is uniquely wholesome and stimulating in full measure to simplicity and thoughtfulness and all the best enthusiasms of which life is capable.

The College is pre-eminently a company of workers. From the very beginning it has maintained a reputation for interest in thorough scholarship rather than in large numbers. The procedures of the College are established in the purpose of appealing to students who appreciate the seriousness of the College opportunity. To this end, the standards of admission are unusually high. Not only is the number limited, but as defined elsewhere, only students who have finished their preparation with a high grade of promise are received. It is the distinct purpose to make the membership in the institution itself a scholastic honor. This inevitably involves a sacrifice of certain values which would be

temporarily pleasurable but which are not consistent with the most remunerative purposes.

It is the habit of the College to urge that scholarship should not only be high but also broad and inclusive. Pomona College is not a professional school. It insists that the best preparation for life includes not only the ample, generous and complete training of the college course, such as is here given, but also at a later period a thorough and definite professional specialization. It has farther insisted that this best and most complete training is practicable for a much larger number of young people than commonly feel that they have the resources of time and money for it. The College is eager to co-operate in the problems of such aspiring students; it has also been singularly successful in permeating its body of students with these ambitions, and the remarkable success of its graduates is due in no small degree to the fact that nearly seventy per cent of all who have graduated have taken subsequent professional training.

To the end that the College may be adequate for the broadest intellectual citizenship and service, a certain number of courses representing typically the differentiated fields of knowledge and investigation are required, and particular emphasis laid upon those topics which relate to the history of thought, the organization of society and the bases of truth and righteousness. These courses are required of all, whether staying a longer or shorter time in the institution, as being important to the main purpose for which the College exists. While these few courses are required, there is around them ample field for selection, according to the student's individual interest and purpose.

The College recognizes the fact that social training is also an essential part of education. It is believed that the co-educational character of the College greatly increases the culture of the student body in this respect. Working together on the highest levels of life, men and women are most likely to associate in mutual respect and dignity. It is practically the unanimous testi-

mony of the graduates of this College that these relations add to the genuine wholesomeness and rounded worth of the student's life. While emphasizing social values and opportunities, the College, however, recognizes them as interests which must be held subordinate to the main business of study and work. For this reason limitations which sometimes may seem narrow are laid upon the social life of the college community. Fraternities and sororities, in the ordinary acceptance of these terms, and extravagant social life, do not exist at Pomona College, and no one should seek the institution who is not willing to make surrender of some personal pleasures in the interests of the common college earnestness and simplicity.

Once more; the College is frankly Christian. It owes its origin and support to men and women of Christian ideals; it cannot, therefore, be other than loyal to these interests. Instead of maintaining a separate Christian life, the College also urgently lays upon its students the obligation of allegiance to that wider democracy of service and uplift which is represented in the Christian Church. The College is, nevertheless, emphatically broad in its hospitality to modern thought. It holds that no student should go out of the College unaware of the throbbing questions of the day or unprepared to face the winds of free discussion; therefore, it welcomes all honest expression of opinion, putting faith in the power of truth to hold its own in the arena of open debate. It thus seeks to resource the coming generation with a leadership of intellectual capacity, directed will and Christian character.

BOARD OF TRUSTEES

George W. Marston, *President*	San Diego
Rt. Rev. Joseph H. Johnson, d.d., *Vice-President*	Los Angeles
Eli P. Clark, *Second Vice-President*	Los Angeles
Rev. Charles B. Sumner, ll.d., *Secretary*	Claremont

HONORARY TRUSTEES

Rev. Charles B. Sumner, ll.d.	Claremont
Charles E. Harwood, ll.d.	Upland

Term of Office Expires June, 1926

Wm. L. Honnold	Los Angeles
James S. Edwards	Redlands
Rt. Rev. Joseph H. Johnson, d.d.	Los Angeles
Frederick W. Lyman	Pasadena
Arthur J. McFadden	Santa Ana
Butler A. Woodford	Claremont

Term of Office Expires June, 1927

Arthur S. Bent	Los Angeles
Edwin F. Hahn	Pasadena
Jacob C. Harper	La Jolla
Stephen H. Herrick	Riverside
Seeley W. Mudd	Los Angeles
William O. Wark	Claremont

Term of Office Expires June, 1928

Rev. Henry K. Booth, d.d.	Long Beach
Arthur M. Dole	Pomona
William S. Mason	Evanston, Ill.
Rev. Carl S. Patton, d.d.	Los Angeles
Dell A. Schweitzer	Los Angeles
Charles E. Walker	Los Angeles

Term of Office Expires June, 1929

James A. Blaisdell, d.d., ll.d.	Claremont
Rev. Luther Freeman, d.d.	Pomona
Edward Harwood	Upland
Frank H. Harwood	San Dimas
W. R. H. Weldon	South Pasadena
Fred M. Wilcox	Lamanda Park

Term of Office Expires June, 1930

Donald G. Aplin	Highland
Llewellyn Bixby	Long Beach
C. Stanley Chapman	Fullerton
Eli P. Clark	Los Angeles
John M. Curran	Santa Barbara
George W. Marston	San Diego

OFFICERS OF THE BOARD

James A. Blaisdell, *President of the College*
Ernest E. Jones, *Treasurer and Assistant Secretary*
George S. Sumner, *Controller*
Robert J. Bernard, *Executive Secretary*

COMMITTEES OF THE BOARD

Executive

James A. Blaisdell, *Chairman*

Arthur M. Dole
Dell A. Schweitzer
Butler A. Woodford
Frank H. Harwood
Charles E. Walker
Luther Freeman

Investment

Ernest E. Jones

Arthur S. Bent
Llewellyn Bixby
Wm. L. Honnold
Fred M. Wilcox

Ways and Means

Seeley W. Mudd, *Chairman*

Arthur S. Bent
James A. Blaisdell
C. Stanley Chapman
Eli P. Clark
John M. Curran
James S. Edwards
Jacob C. Harper
Frank H. Harwood
Arthur J. McFadden
Dell A. Schweitzer
William O. Wark
W. R. H. Weldon

Fred M. Wilcox

Education

James A. Blaisdell
Llewellyn Bixby
William O. Wark
Carl S. Patton

Edward Harwood

Buildings and Grounds

Charles B. Sumner
George W. Marston

William S. Mason

Nominations

Donald G. Aplin
Arthur J. McFadden

Jacob C. Harper

FACULTY[1]

James Arnold Blaisdell

President, 1910[2]

B.A., Beloit College; M.A., Beloit College; D.D., Beloit College; LL.D., Drury College and Occidental College. Graduate, Hartford Theological Seminary.

Ernest James Jaqua — 345 College Ave.

Acting President, Dean of the Faculty and Professor of Education, 1923.

B.A., Grinnell College; M.A., Columbia University; Ph.D., Harvard University.

Cyrus Grandison Baldwin — Palo Alto

President Emeritus, 1890

B.A., Oberlin College; M.A., Oberlin College. Student, Andover Theological Seminary; D.D., Oberlin College.

Edwin Clarence Norton[3] — 145 W. Seventh St.

Dean of the Faculty Emeritus and Professor of the Greek Language and Literature on the Edwin Clarence Norton Foundation, 1888

B.A., Amherst College; M.A., Amherst College and Yale University; Ph.D., Carleton College; D.D., Pacific Theological Seminary. Graduate Student, Johns Hopkins, Columbia and Oxford Universities.

Frank Parkhurst Brackett — 270 E. Third St.

Professor of Astronomy on the Frank Parkhurst Brackett Foundation and Director of the Observatory, 1888.

B.A., Dartmouth College; M.A., Dartmouth College. Honorary Fellow, Clark University.

Phebe Estelle Spalding[3] — 261 W. Fifth St.

Professor of English Literature on the Phebe Estelle Spalding Foundation, 1889.

B.L., Carleton College; M.L., Carleton College; Ph.D., Boston University.

George Gale Hitchcock — 721 College Ave.

Professor of Physics, 1892.

B.A., University of Nebraska. Graduate Student, Johns Hopkins and Cornell Universities.

Grace Ella Berry — 541 Harvard Ave.

Dean of Women and Assistant Professor of Mathematics, 1909.

B.S., Mount Holyoke College; M.A., Mount Holyoke College.

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[1]Arranged in order of appointment to present rank. The date in each case denotes the beginning of original term of service.

[2]Absent on leave, 1925-1926.

[3]Absent on leave, second semester, 1925-1926.

JAMES ALEXANDER LYMAN — 833 Indian Hill Blvd.

Professor of Chemistry, 1909.

B.A., Beloit College; M.A., Beloit College; Ph.D., Johns Hopkins University. Graduate Student, University of Chicago.

MILTON ERASTUS CHURCHILL — 507 Yale Ave.

Editor of College Publications, 1902.

B.A., Knox College; M.A., Knox College; Litt.D., Knox College; B.D., Yale University. Graduate Student, University of Leipzig.

MENDAL GARBUTT FRAMPTON — 927 Harvard Ave.

Professor of the English Language, 1904.

B.A., Illinois College; M.A., Illinois College; M.A., Harvard University. Graduate Student, Harvard and Chicago Universities.

CHARLES GRACCHUS NEELY — 739 College Ave.

Professor of Constitutional History and Law Emeritus, 1911.

B.L., University of Illinois.

WILLIAM ATWOOD HILTON — 1293 Dartmouth Ave.

Professor of Zoology on the Willard George Halstead Foundation, 1905.

B.S., Cornell University; Ph.D., Cornell University.

ROBERT DAY WILLIAMS — 260 E. Seventh St.

Professor of Experimental Psychology, 1909.

B.S., Pomona College; M.A., Yale University; Ph.D., Yale University. Graduate Student, University of California.

BERNARD CAPEN EWER — 706 Indian Hill Blvd.

Professor of Psychology, 1916.

B.A., Brown University; M.A., Brown University; Ph.D., Harvard University.

RALPH HAINE LYMAN — 357 W. Tenth St.

Professor of Applied Music and Instructor in Singing, Head of Department of Music, 1917.

B.A., Grinnell College. Student in voice with Karleton Hackett, William B. Olds, Grant Hadley, Arthur Middleton, Courtland Cooper, Holmes Cowper and other American masters and with Vittorino Moratti in Berlin.

MARO BEATH JONES[1]

Professor of Romanic Languages, 1911.

B.A., Boston University; M.A., Boston University. Graduate Student, Universities of Chicago, Geneva and Barcelona. Student, Estudis Universitaris Catalans, Barcelona.

WILLIAM EVAN NICHOLL[2] — 465 W. Sixth St.

Dean of the College and Assistant Professor of Education, 1919.

B.A., Bellevue College; M.A., Teachers College, Columbia University. Graduate Student, Edinburgh University.

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[1]Absent on leave, 1925-1926.
[2]Absent on leave, second semester. 1925-1926.

HOMER ELMER ROBBINS — 487 Harrison Ave.

Professor of Classical History and Language, 1915.

B.A., University of Michigan; M.A., University of Michigan; Ph.D., University of Michigan. Graduate Student and holder of University and Buhl Classical Fellowships, University of Michigan.

ROBERT CHARLES DENISON — 232 W. Fifth St.

Professor of Philosophy, 1920.

B.A., Amherst College; B.D., Andover Theological Seminary; D.D., Amherst College.

RAYMOND CUMMINGS BROOKS — 489 W. Sixth St.

Professor of Religion on the Nancy M. Lyon Foundation, 1921.

B.A., Tabor College; B.D., Yale Divinity School; D.D., Tabor College and Whitman College. Graduate Student, Oberlin College.

BRUCE MCCULLY — 236 College Ave.

Professor of English Literature, 1921.

B.A., Hiram College; M.A., University of Chicago; Ph.D., Harvard University.

WALTER EARLE HARTLEY — Resident's Suite, Smiley Hall

Professor of Organ and Piano, 1915.

B.A., Yale University; B.Mus., Yale University. Fellow, American Guild of Organists. Pupil of Widor, in Organ and Composition, and of Stubbs.

WILLIAM KIRK — 705 Indian Hill Blvd.

Professor of Social Economics, 1922.

B.A., Johns Hopkins University; Ph.D., Johns Hopkins University.

WILLIAM POLK RUSSELL — 506 E. Sixth St.

Professor of Mathematics on the Joseph W. Fiske Foundation, 1904.

B.A., Cumberland University; M.A., Cumberland University. Graduate Student, Columbia, Harvard and Yale Universities.

GEORGE SAMUEL BURGESS — 154 E. Tenth St.

Professor of Political Economy on the Stedman-Sumner Foundation, 1918.

B.A., University of Michigan; J.D., University of Michigan.

EUGENE WHITE NIXON — 1034 Harvard Ave.

Professor of Physical Training for Men, 1916.

B.A., Monmouth College. Graduate Student, Illinois, California and Columbia Universities.

WILLIAM MORRIS DAVIS

Harvard Exchange Professor of Geology.

M.E., Lawrence Scientific School, Harvard; Ph.D., University of Greisswald; Sc.D., University of Cape of Good Hope.

FRANK WESLEY PITMAN — 116 E. Twelfth St.

Professor of History, 1924.

Ph.B., Yale University; M.A., Yale University; Ph.D., Yale University.

ROLAND RAY TILESTON — 1129 Dartmouth Ave.

Professor of Physics, 1925.

B.A., Dartmouth College; M.A., Dartmouth College; D.Sc., Colorado College.

RUSSELL MCCULLOCH STORY — 354 W. Sixth St.

Professor of Political Science, 1925.

B.A., Monmouth College; M.A., Harvard University; Ph.D., Harvard University.

CHARLES TABOR FITTS — 137 College Ave.

Registrar and Assistant Professor of English, 1919.

B.A., Amherst College. Graduate Student, University of California.

WILLIAM SHEFFIELD AMENT — 349 E. Eighth St.

Secretary of the Faculty and Director of the Summer School, 1924.

B.A., Oberlin College; M.A., Harvard University; Graduate Student, Columbia University.

HOWARD WADSWORTH CHURCH — 224 W. Seventh St.

Professor of German, 1925.

B.A., Yale University; Ph.D., Yale University.

WILLIS HOLMES KERR — 640 Berkeley Ave.

Librarian, 1925.

B.A., Bellevue College; M.A., Columbia University.

JAMES HENRY FAIRCHILD — 137 W. Seventh St.

College Physician, 1925.

B.A., Pomona College; M.D., Rush Medical College.

GEORGE MORTIMER TURNER — 1035 Columbia Ave.

Acting Professor of Chemistry, 1923.

B.S., Amherst College. Graduate Student, Johns Hopkins University.

ROBERT JOHN TAYLOR — 1249 Harvard Ave.

Director of Extension Work in Religious Education and Acting Professor of Comparative Religion, 1923.

B.A., Hamline University; M.A., University of Southern California; D.D., Hamline University.

JOSEPH PIJOAN — 1041 Columbia Ave.

Acting Professor of Hispanic Civilization and Lecturer on the History of Art, 1924.

Lic. Architecture and Letters, University of Barcelona. Student, University of Rome.

HANNAH TEMPEST JENKINS — 256 W. Eighth St.

Associate Professor of Art and Design, 1905.

Graduate, Teachers College, Columbia University. Student, Philadelphia Academy of Fine Arts. Pupil of Jean Paul Laurens, Constant and St. Pierre in figure and portrait, of Henry Thompson in landscape, and of Wm. M. Chase, Robert Vonnoh and Cecilia Beaux in portrait. Paris Salonist, 1889.

WALTER ALFRED ALLEN — 272 E. Second St.

Associate Professor of Musical Theory and Appreciation, and Instructor in Organ, 1912.

B.A., Beloit College; B.Mus., Yale University. Associate, American Guild of Organists.

PHILIP ALEXANDER MUNZ — 1165 Indian Hill Blvd.

Associate Professor of Botany on the Henry Kirke White Bent Foundation, 1917.

B.A., University of Denver; M.A., University of Denver; Ph.D., Cornell University. Graduate Student, University of Chicago.

EDWARD TAYLOR — 351 E. Eighth St.

Associate Professor of Mechanics, 1920.

C.E., University of Minnesota. Graduate Student, University of Oregon.

EVERETT SAMUEL OLIVE — 136 W. Seventh St.

Associate Professor of Piano, 1923.

B.Mus., Simpson College. Graduate Student, Simpson College. Pupil of Moritz Mayer-Mahr and Mme. Teresa Carreno in Berlin.

ELLIOTT CURTIS LINCOLN — 365 E. Eighth St.

Associate Professor of English Literature, 1924.

B.A., Colby College; M.A., State College of Washington and Harvard University.

ALFRED OSWALD WOODFORD — 639 Yale Ave.

Associate Professor of Geology, 1915.

B.A., Pomona College; Ph.D., University of California.

BENJAMIN DAVID SCOTT — 828 College Ave.

Associate Professor of Public Address, 1923.

B.A., University of Southern California; S.T.B., Boston University; Ph.D., Boston University. Graduate work, Boston, Brown and Harvard Universities.

JAMES H. C. SMITH — 1261 College Ave.

Associate Professor of Chemistry, 1925.

B.A., Monmouth College; M.S., University of Chicago; Ph.D., University of Chicago.

ROBERT TRESILIAN BELCHER — 452 W. Sixth St.

Assistant Professor of Mathematics and Engineering Emeritus, 1907.

B.A., Queen's University. Graduate Student, Queen's College and University of California.

FRANK DAVID THOMSON — 640 Indian Hill Blvd.

Assistant Professor of Accounting, 1918.

B.A., Knox College; M.A., Knox College. Graduate Student, Johns Hopkins University.

ALICE EVANS — 618 Harvard Ave.

Assistant Professor of Physical Education for Women, 1920

B.A., Smith College. Graduate Student, Wellesley College.

CLIFFORD NOTT HAND — 1045 Yale Ave.

Director of Religious Interests, 1919.

B.L., Pomona College; B.D., Pacific School of Religion; M.A., University of Southern California; Graduate Student, University of California.

ARTHUR BABCOCK — 1133 Yale Ave.

Assistant Professor of Singing, 1921.

Graduate of the New England Conservatory of Music. Member of faculty of the New England Conservatory of Music. Pupil of Sbriglia, in Paris.

EDWARD KAMINSKI — 1830 N. Orange Grove Ave., Hollywood

Assistant Professor of Art, 1921.

Student, St. Bonaventure College, Wisconsin School of Art and Parsons School, New York. Pupil of Frederick Fersman in Oil Painting.

RALPH RAYMOND UNIACKE — 160 W. Eleventh St.

Assistant Professor of Violin, 1923.

Pupil of Franz Milcke.

LEWIS BURT LESLEY — 149 W. Seventh St.

Assistant Professor of History, 1925.

B.A., Stanford University; M.A., University of California.

MARY BROOKS EYRE — 246 Dartmouth Ave.

Assistant Professor of Hygiene, 1925.

B.A., Stanford University; M.A., Stanford University.

GEORGES NIVON — 149 Oberlin Ave.

Assistant Professor of French, 1925.

M.A., State College of Washington. Certificat d' Etude Superieure, Grenoble.

LEO GEORGE CLARKE — 1030 Dartmouth Ave.

Assistant Professor of Military Science and Tactics, 1923.

First Lieutenant, Infantry, U. S. Army.

REXFORD SHORES — 677 Kingsley Ave., Pomona

Assistant Professor of Military Science and Tactics, 1925.

First Lieutenant, Infantry, U. S. Army. Graduate, the Infantry School, U. S. Army.

GEORGE W. WILLIAMSON — 241 E. Tenth St.

Assistant Professor of English, 1925.

B.A., Stanford University; M. A., Harvard University.

MABLE CLAIRE WEST — 536 W. Sixth St.

Instructor in Piano, 1905.

B.S., Pomona College. Graduate Student, Peabody Conservatory of Music, Baltimore. Pupil of Ernest Hutcheson.

ROSA FRIEDA BISSIRI — La Verne Ranch

Instructor in French, 1920.

B.A., Kreuzlingen College, Switzerland.

MARION JEANETTE EWING — 487 W. Sixth St.

Assistant Librarian, 1912.

B.A., Olivet College; B.S., Simmons College; M.A., Boston University.

COLVIN HEATH — 270 W. Twelfth St.

Instructor in Physical Education for Men, 1922.

B.A., Pomona College.

FRANCIS EDWARD BLACET — 146 E. Tenth St.

Instructor in Chemistry, 1922.

B.A., Pomona College; M.A., Pomona College.

LEWIS EVERETT SEVERSON — 132 W. Mesa Ave.

Instructor in Economics, 1923.

B.A., University of Kansas; M.A., Leland Stanford, Jr., University.

FRANCIS GARRITT GILCHRIST — 346 Harvard Ave.

Instructor in Zoology, 1924.

B.A., University of California.

ROBERT LOBINGIER STREHLE — 1019 Dartmouth Ave.

Instructor in Physical Education for Men, 1923.

B.A., Pomona College.

PAULINE ALDERMAN — 618 Harvard Ave.

Instructor in Piano, 1924.

B.A., Reed College. Graduate Student, Institute of Musical Art, New York City.

FRANCES DILLON 130 W. Seventh St.
Instructor in Physical Education for Women, 1924.
B.A., Wooster College. Graduate Student, Wellesley College.

FRANCIS RAYMOND IREDELL 136 W. Seventh St.
Instructor in Philosophy, 1925.
B.A., Pomona College; M.A., Harvard University.

MARY D. BIGELOW 620 Harvard Ave.
Instructor in Physical Education for Women, 1925.
Graduate, Department of Hygiene, Wellesley College.

ETHEL TAYLOR 487 W. Sixth St.
Instructor in French, 1925.
B.A., University of Michigan; M.A., Stanford University.

MARGARET HUSSON 709 College Ave.
Instructor in Spanish, 1925.
B.A., University of Kansas; M.A., Columbia University.

EARL JAY MERRITTT 860 Dartmouth Ave.
Instructor in Physical Education, and Assistant Freshman Class Adviser, 1925.
B.A., Pomona College.

HATTIE C. MCCONNAUGHEY 145 E. Tenth St.
Cataloger, 1924.
B.A., Hillsdale College.

ASSOCIATE FACULTY

MERTON E. HILL 406 E. Eleventh St., Upland
Lecturer on Education, 1925.
B.S., Pomona College; M.S., Pomona College.

GUY V. WHALEY 648 Columbia Ave., Pomona
Lecturer on Education, 1925.
B.A., Stanford University; M.A., University of California.

SAMUEL EARLE BLAKESLEE 214 E. Fourth St., Ontario
Lecturer on Public School Music, 1925.
B.L., Pomona College.

MARCUS EUGENE JONES 1248 College Ave.
Honorary Curator of Botany, 1923.
B.A., Grinnell College; M.A., Grinnell College.

TEACHING FELLOWS

SIMON MACCOBY — Eleventh St. and Indian Hill Blvd.

Political Science, 1925.

B.A., Cambridge University; M.A., Cambridge University.

DAVID DANIELS KECK — 452½ Harvard Ave.

Biology, 1925.

B.A., Pomona College.

RUTH ANDERSON PIERCE — 127 W. Sixth St.

English Literature, 1925.

B.A., Pomona College.

ELIZABETH ANNICE TAYLOR — 351 E. Eighth St.

Chemistry, 1925.

B.A., Pomona College.

DOROTHY BACH FRETTER — 211 E. Sixth St.

Astronomy, 1925.

B.A., Pomona College.

SUMMER SESSION 1925

VISITING FACULTY

Hallie F. Flanagan

B.A., Grinnell College; M.A., Harvard University.
Drama.

Elizabeth E. Peterson

B.A. and Graduate in Piano, Western College for Women. Graduate, American Conservatory of Music.
Music.

Guy V. Whaley

B.A., Stanford University; M.A., University of California.
Education.

Leavitt O. Wright

B.A., Harvard University; M.A., University of California.
Spanish.

Walter A. Hall

B.A., University of Southern California.
Education.

Robert C. Gillingham

B.A., Pomona College; M.A., Pomona College.
History and Political Science.

Winifred I. Williams

B.A., University of Michigan.
Supervisor of Cadet Teachers.

CLASS OFFICERS

GENERAL—Nicholl
SENIOR—Denison and Robbins
JUNIOR—Ewer and Hilton
SOPHOMORE—Kirk and Edward Taylor
FRESHMAN—Fitts, Berry and Merritt

COMMITTEES OF THE FACULTY

ADMINISTRATION—McCully, Hilton, Burgess, R. H. Lyman, Brackett, Denison.

ADMISSION—Fitts, Williams, Nicholl, Berry, Iredell.

CHAPEL—Jaqua, R. H. Lyman, Brooks, Nicholl, Nixon, Kirk.

CLASSIFICATION—Fitts, Robbins, Edward Taylor, Hilton, Berry, Williams.

COLLEGE LIFE—Nicholl, Berry, Hartley, Ewer, Fitts, Brooks, Eyre.

COURSES OF STUDY—Jaqua, Burgess, Ewer, McCully, Tileston, Fitts.

FACULTY MEETINGS—Brackett, Berry, Babcock, Frampton, Severson, Ament.

GRADUATE STUDY—Munz, Frampton, Brackett, Nicholl, Pitman, Story, Kerr.

HONORS—Woodford, Robbins, Nixon, Pitman, Smith.

LIBRARY—Burgess, Kerr, Ewing, J. A. Lyman, Church, Ament, Denison.

PHYSICAL EDUCATION—Russell, Nixon, Fairchild, Evans, Woodford.

PUBLICATIONS—Churchill, Bernard, Munz, Ament, Kerr, Story.

PUBLIC EVENTS AND LECTURES—Ament, Allen, Scott, Howard, Judy, Hand.

ROOMS—Jaqua, Burgess, Nicholl, Ament.

STUDENT AID AND LABOR—Hand, Nicholl, Berry, Kirk.

HEALTH—Fairchild, Eyre, Jones, Strehle, Berry.

ADMISSION

General Requirements and Methods of Admission

It is the purpose of Pomona College to do a distinctly and notably high grade of work, thus preparing its graduates for special distinction in whatever later callings they may choose. To this end candidates for admission to any class must present satisfactory evidence of their fitness for college, both in character and in scholarship. Testimonials of character and a letter of honorable dismissal from the last institution attended are required.

It is further advised that applications be made as early as possible, inasmuch as the College cannot under present conditions guarantee the admission of more than one hundred and twenty-five men and one hundred women to the freshman class, the trustees having limited the total attendance to seven hundred and fifty.

The College welcomes tentative applications from prospective freshmen several years in advance and is glad to offer suggestions from time to time regarding the best preparation for admission. In this respect the good offices of the College are freely at the service of all interested inquirers. A medical examination conducted by an authorized physician, under the direction of the Department of Physical Education, is required of all students.

Admission to Freshman Standing

Applicants are admitted to freshman standing in any one of three ways, as follows:

First: Examination by the College.

Second: Certificate of the College Entrance Examination Board.

Examinations are given by the College Entrance Examination Board at certain times and places, which may be learned from the Registrar or from principals of secondary schools.

Third: Certificate from approved schools or colleges.

Students from approved schools or colleges are admitted without examination on presentation of a certificate signed by the principal or proper official and showing in detail the requisite

completed courses. Certificate blanks obtained from the principal should be filled out and returned as early as possible after the completion of the high school year.

No application is considered which does not show fifteen units in accepted subjects, at least twelve of which are recommended. Special endorsement by the principal must accompany all papers showing non-commended units, such endorsement to include the specific recommendation of the candidate, both as to character and ability, for the undertaking of college work.

Those are matriculated to full standing who at the end of a semester's residence meet the requirements (*see* Matriculation); those who do not meet the requirements are not allowed to matriculate and are enrolled as in partial standing. No student in partial standing is recommended to college standing in another institution. The final acceptance of entrance units is based upon the character of the work done in class at Pomona College as well as upon the grade of the units presented.

Admission to Advanced Standing

Students who have sufficient credit from other institutions are admitted to advanced standing on credentials signed by the proper officials and giving full specifications concerning the nature of the courses taken and the time spent in each, together with their rank in each subject. They are assigned hours and credits on the basis of their credentials, but such assignment is provisional until ratified by the Classification Committee. This ratification is not given until after the required semester's residence, at which time the Committee has power to act in adjusting hours or credits, or both, to the qualifications shown.

Admission as Special Students

Mature students, ordinarily only such as are at least twenty-one years of age, may be admitted as special students to courses for which, by ability and preparation, they may be fitted. This

provision applies particularly to those equipped for advanced studies in special departments. The privilege of classification as special students is not open to those who seek admission to College in this way as a means of avoiding compliance with the entrance or collegiate requirements laid down for regular students. Special students are not candidates for a degree.

Admission of Graduate Students

Although Pomona College places its main emphasis upon undergraduate courses, it is equipped in some departments to do more advanced work, and the Committee on Admission is empowered to admit to study in these departments graduates of this and other colleges who are prepared to continue in such work.

A limited number of students, whose records show marked excellence, are accepted as candidates for the Master's degree.

On registration, graduate students indicate whether they are candidates for the Master's degree, or seeking a teacher's certificate, or are students at large.

Credits for Non-Commended Work

Students who enter with some of their work non-commended may remove their deficiency in one of three ways—by examination, by continuing the same line of study in College with high grade or by extra work in College not counted towards a degree. These three methods are more fully described as follows:

First: Students may be examined upon any of the accepted subjects presented for entrance, and upon passing with B grade receive credit toward entrance for that subject.

Students wishing to remove deficiencies by examination must do so before entering upon College work. Such examinations must be taken during the first two days of registration week of either semester or (by special arrangement) the week preceding the College commencement. They must be arranged for in advance through the Registrar.

Second: Entrance credit will be given for non-commended

work after a student has completed with high grade two or more College courses in the same or a closely allied subject, or upon conditions laid down in individual cases by the Classification Committee.

Third: Entrance credit may be gained by work in certain College courses, but such courses cannot count toward the number of hours or credits required for graduation, nor for honors. Moreover, students may not substitute for subjects specifically required for entrance other subjects taken in this way.

Students are not candidates for a degree nor are they eligible for recommendation to college standing in another institution until they have been matriculated. Students are matriculated only after they have come into full standing. All students must be matriculated before attaining to Junior standing.

Courses Required for Admission to Freshman Standing

In the following outline of courses a "unit" represents a course of study in one subject of high school grade involving five forty-five minute recitations per week or an equivalent for a school year. Laboratory periods should be at least twice the length of recitation periods.

Not less than one unit in any subject is normally accepted, though a half unit may be accepted when accompanied by units for courses in allied subjects.

Specific Requirements—9 Units

English, 3 units	Algebra, 1 unit
History, 1 unit	Geometry, 1 unit
One foreign language, 2 units	One laboratory science,[1] 1 unit

[1]Heads of departments in which students wish to continue laboratory subjects begun in high school may, at their option, require the high school note-books to be submitted as evidence of ability to continue with more advanced work in the department.

Additional Requirements—3 Units

Selected from the following:

English
History
Foreign Language
Mathematics
Laboratory Science[1]

Elective—3 Units

It is recommended that these electives be chosen from the subjects specified above, but in view of the importance of other lines of high school work credit is allowed for full units in other courses counted for high school graduation, the acceptance of which is specifically recommended by the principal of the school.

Description of Subjects

Details regarding subjects accepted for entrance may be secured from the Chairman of the Committee on Admission. In general each unit represents a year's work in the subject, as ordinarily presented in the California high schools.

Extra Entrance Credits

No college credit is given for subjects taken in High School prior to graduation and not needed for entrance. Such subjects, if approved by the Classification Committee, may be accepted as fulfilling in part or in whole some of the Freshman-Sophomore subject requirements but in no case does the satisfaction of these requirements in High School reduce the amount of work required for Junior standing or for graduation. Credit, varying in amount with the individual courses, is granted for graduate work in approved High Schools.

Registration

All students are required to register on one of the regularly announced days of registration preceding the opening of the class work of each semester. A fee of two dollars is charged for later registration and a payment of one dollar for any change

in the list of subjects chosen. This latter payment is remitted in the case of new students registering for the first time, provided the changes are made within a week of the opening day of the registration period.

Students are admitted to those courses only for which they are formally registered.

Matriculation

Matriculation implies the meeting of all entrance requirements and the proven ability to carry college work. To this end the standing of all new students is provisional until after they have been in residence for one semester. At that time those are matriculated who have shown themselves in accord with the spirit of the College, who have done a satisfactory quality of work during their semester of residence and whose entrance units are acceptable.

Election of Courses

On or before the first Saturday in January after the Christmas recess, and the first Saturday in June, all resident students must fill out a schedule listing their choice of subjects for the following semester.

Changes from this schedule may be made upon the payment of a fee of one dollar. Failure to prepare such a schedule at the appointed time subjects the student to a fee of two dollars. Students may not elect less than twelve hours of work without the special permission of the Classification Committee.

CURRICULUM

Degree of Bachelor of Arts

The courses of study offered lead to the degree of Bachelor of Arts under the following hour and credit requirements.

Hour Requirements

One hundred and twenty-six hours of work are required for graduation. An "hour" consists of one recitation or lecture period, or one laboratory period a week for one semester. A recitation or lecture period covers fifty-five minutes; a laboratory period covers, in general, the time of three such periods. In order to complete the course in four years one must take an average of fifteen hours of academic work per semester throughout the four years.

Credit Requirements

In order to graduate a student must not only earn a certain number of hours, but also attain an average of at least C grade in those hours. To this end a certain number of credits is ascribed to each grade as a basis of determining average grade. The scale is so adjusted that the number of credits required for graduation coincides with the number of hours. Details regarding credits are published in "*The Manual of Procedure.*"

Choice of Subjects

In the selection of his work the student is given a large range. The only limitations are such as will insure to him, on the one hand, the breadth of view which may be gained by an introductory study of each of the great realms of knowledge; and, on the other, that concentration along some chosen line of work which shall develop power of thought and an actual fund of knowledge in some particular field.

To this end there are certain subject requirements as stated below. The College would emphasize also the advisability of selecting work representing each of the following broad groups of subjects:

1. Language, Literature and Fine Arts.
2. Mathematics, Physical and Biological Sciences.
3. History, Social Sciences and Philosophy.

Subject Requirements

Orientation—6 hours, Freshman year.

English Composition[1]—3 hours, Freshman year.

Foreign Language—12 hours, Freshman and Sophomore years.

Economics, History or Political Science—6 hours, Sophomore year.

Hygiene[2]—2 hours, Freshman or Sophomore year.

Mathematics or Science—6 hours, Freshman year.

Mathematics or Science—6 hours, Sophomore year, except for those who enter with credit for three units in one of these subjects.

Physical Education—4 hours in Freshman and Sophomore years and 2 hours in Junior and Senior years for those not taking Military Training. For those taking Military Training the requirement is 1 hour per year throughout the course.

Economics, English Literature, History or Political Science—6 hours, Junior or Senior year, unless 3 recommended units of English and 3 of History were presented for entrance.

Philosophy, Psychology or Religion—9 hours, Sophomore, Junior or Senior year. 6 hours must be taken in Junior and Senior years and may be all in one department or distributed among these departments.

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[1]Required only of those deficient in the use of English.

[2]Must be taken in Freshman year by the women and in Freshman or Sophomore year by the men, unless the equivalent is offered.

In addition to these requirements, there is a general requirement of 36 hours of C and D academic work, of which at least 9 must be D work.

Departmental Major

Students who have shown special ability in one line of work may, with the consent of the head of the department, enroll for a departmental major. This major includes at least 18 C or D hours in the department chosen, together with certain courses in allied subjects, and usually a reading knowledge of French and German. Six of these 18 hours must be D hours and at least 6 must be taken in the Senior year. The student plans his work in consultation with the head of the department concerned. Certain prerequisites, differing with the subject chosen, are indicated for each major. A final examination or thesis or both may be required.

Students who desire to become candidates for a departmental major should indicate such intention to the head of the department as early as possible.

The student who completes a departmental major receives in addition to his diploma the special commendation of the department.

Honors Course

In order to encourage individual initiative opportunity is given to students at the beginning of their Junior year to "read for honors." Students accepted by the Faculty as candidates for this course are relieved of six hours of curricular work in the Junior year and twelve hours in the Senior year. This time freed from curricular work, together frequently with some of the vacation periods, is devoted to a wide range of reading in the student's major department and in allied fields under the guidance of a member of the department concerned. The reading may cover a greater range than any of the courses offered in the department and the student is expected to get a wider and

deeper knowledge of the field than would be possible by the taking of individual courses. His grasp of the entire subject is tested by a series of examinations at the end of his Senior year. The power shown by him in these examinations may win for him the bachelor's degree "with honors" or "with high honors" in the field concerned.

Courses in Music and Art

The College is equipped to offer unusual privileges in the Departments of Art and of Theoretical and Applied Music. The influence of the College is greatly enriched by the contributions made through these departments to the cultural life of the institution as a whole. In Bridges Hall the great musicians of the world are heard, all students being supplied with admission to their concerts. Great enlargement of life comes through intimate acquaintance with these arts, both in theoretical and applied forms, and the College urges all regular students to include them, at least to some degree, in their cultural courses, credit toward the B.A. degree being granted on conditions specified under the detailed description of the courses.

Teachers' Certificates

The College meets the requirements of the State Board of Education for the State Certificate, enabling those recommended by the College to teach in the public elementary, junior high and secondary schools of the State of California.

Summer Session

The summer session presents a series of selected courses from the college curriculum for the benefit of undergraduate and graduate students. It provides in addition an enlarged program in the Department of Education for the special benefit of teachers who wish to secure the various types of certificates for teaching in California. In addition, it offers wide opportunities in applied and theoretical music, especially for teachers of music in public

schools. In the Laguna Beach division of the summer session, the Department of Zoology conducts work under especially fortunate conditions at the Laguna Beach Marine Laboratory, Professor W. A. Hilton, Director.

Music and Drama Course

In order to insure to the entire student body the opportunity of hearing and seeing the great artists of the day whose public appearance is usually confined to the larger cities, the College introduces each year a group of the most distinguished masters in the various departments of achievement. For the concerts and other entertainments thus afforded an annual ticket is furnished to every student.

Degree of Master of Arts

Candidates for the degree of Master of Arts consult with the Chairman of the Committee on Graduate Work as to the special requirements which will be made in their cases. In addition to the presentation of a thesis, twenty-four hours of work are required for the higher degree. The twenty-four hours are divided between a major subject and a minor subject in the same or in a closely allied department. No elementary undergraduate work may be counted. One copy of the thesis, bound in accordance with specifications in the hands of the librarian, must be placed in the College library.

School of Education

Formally recognized by the California State Board of Education the school is designed to train teachers and school administrators with the same thoroughness that has characterized Pomona undergraduate standards. Arrangements with the nearby schools have opened an unusual opportunity for practice teaching under the supervision of skilled teachers. The special courses in education, conducted by masters of the subjects, offer rich opportunities beyond the mere technical requirements of State certification laws.

Work in the School of Education looks to the securing of certificates in California and surrounding states as follows:

I. General Secondary or High School Certificates.

II. Junior High School Certificates.

III. Special Secondary Certificates.
Manual and Fine Arts Type.
Music Type.
Physical Education Type.

IV. General Elementary Certificates.

V. Special Elementary Certificates of the three types listed above.

At least Junior standing in Pomona College is required for enrollment in the School of Education, though the elementary required courses for special certificates may be taken in Freshman and Sophomore years.

Graduate work, looking to High School certificates, requires the Bachelor's degree from an approved college.

Graduates of approved Normal Schools and Junior Colleges are admitted to the courses leading to all certificates.

Graduates of Junior Colleges, looking to teaching in the Elementary Schools of California, can secure their elementary certificates with their B.A., and have all work count directly toward the requirements for High School certificates without loss.

Lecture Foundations

THE JOSEPH H. JOHNSON FOUNDATION

The Joseph H. Johnson Foundation, liberally endowed by Miss Ellen B. Scripps, provides an annual income for the purpose of furnishing to the College for a protracted stay and intimate participation in college life notable educators from other institutions. By this means such educators are annually

in residence in Pomona College. The opportunity of intimate contact with distinguished instructors thus afforded to undergraduates is a unique privilege, often surpassing the privileges of the classroom of the institution from which these educators come.

THE HENRY D. PORTER FOUNDATION

The Henry D. Porter Foundation, named in honor of the late Rev. Henry D. Porter, for many years a missionary in China, secures to the institution annually, the extended stay of some prominent worker in the field of Christian Missions. The lecturer upon this foundation commonly shares in the regular classroom work related to the history, geography, politics or religion of the region in which he has been actively at work. This vivid representation of the missionary life is one of the most stimulating features in the spiritual program of the College.

Outline of Work by Years

An outline of the work which leads to graduation is here given by years. A more complete description of each course may be found under "*Departments of Instruction.*"

Each "hour" represents one recitation or laboratory period per week for one semester.

Freshman Year

Hygiene[1]	2 semester hours
Physical Education[2]	2 semester hours
Military Training (*for men*) *See* page 66	3 semester hours
Foreign Language[3]	6 semester hours
Orientation	6 semester hours
Mathematics or Science	6 semester hours
Elective	Not less than 12 nor more than 15 semester hours

Sophomore Year

Physical Education[2]	2 semester hours
Military Training (*for men*) *See* page 66	3 semester hours
Foreign Language	6 semester hours
Mathematics[4] or Science[4]	6 semester hours
History, Economics or Political Science	6 semester hours
Elective	Not less than 12 nor more than 15 semester hours

Junior and Senior Years

Physical Education	1 semester hour each
Economics, English, History or Political Science[5]	6 semester hours
Philosophy, Psychology or Religion	6-9 semester hours
Elective	Not less than 28 semester hours each

Should include any course requirements not already completed and enough advanced C and D courses to complete the graduation requirement of "36 hours of C and D work, of which 9 must be D."

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[1]Must be taken in Freshman year by the women, and in Freshman or Sophomore year by the men, unless the equivalent is offered.

[2]One hour required of those taking Military Training.

[3]Must continue language begun in Freshman year unless two years of some one language are accepted for entrance, in which case the requirements may be met by 6 hours of that language and 6 hours of another foreign language.

[4]Unless 3 recommended units of Mathematics or 3 of Laboratory Science were presented for entrance.

[5]Unless 3 recommended units of English and 3 of History were presented for entrance.

COURSES OF INSTRUCTION

Designation of Courses

The letter preceding the number in the designation of a course indicates in general its grade. Elementary courses, designated by A (as English A1) are given in Freshman or Sophomore year; B courses are either those which follow the A courses of earlier years or the more advanced beginning courses; C and D courses are advanced courses given to Juniors and Seniors, D courses being the more difficult. The natural sequence of courses is from A to B, B to C, and C to D, and a student may not enter a C or D course without previous work in the same line.

Courses with numbers below 100 are underclass courses; those numbered from 100 to 199 are for Juniors and Seniors; those numbered over 200 are for graduate students. Properly qualified Seniors may be enrolled in graduate courses with the consent of the instructor.

Any course may be withdrawn if the enrollment is less than five.

In departments where one-hour courses are offered, two such courses should be completed to secure the counting of hours and credits towards graduation.

When courses in different semesters have the same general number and are connected by a hyphen thus, B1a-B1b, they cover a common subject and the entire sequence should be taken. If, however, they are connected by a comma, thus, B1a, B1b, although the course extends throughout the year, independent credit is given for the work of the first semester and the first course may be followed by some allied subject instead of the next course in the sequence. Entrance to the second semester course is by permission of the instructor.

All courses are three hours each unless otherwise designated.

Roman numerals show the periods of recitations. Two courses with the same Roman numerals cannot be taken contemporaneously unless the numerals are preceded by different letters (as *M* or *W*), showing that the classes meet on different days of the group.

	7:30	9:15	10:15	11:15	1:15	2:15	3:15
MWF.....	*I*	*III*	*V*	*VII*	*IX*	*XI*	*XIII*
TThS.....	*II*	*IV*	*VI*	*VIII*	*X*	*XII*	*XIV*

Hours to be arranged—*A*.

If a letter precedes the numeral, the class meets only on that day of the group.

Art

A fee of $18 is charged for each hour of credit except in courses B100, C111a, C111b, D219a, D219b.

A1a-A1b. Design. KAMINSKI
This course for beginners includes a study of historic and national characteristics in design. The development of American art is traced through the study of early art on this continent. 2 hours. *MF, III.*

B11a-B11b. Drawing and Design. KAMINSKI
The study of modern decoration applied to painting and architecture. Emphasis is placed on the ancient and medieval design, its reason for being, and its contribution to the present art. 2 hours. *WF, V.*

B100. Art Interpretation. KAMINSKI
A course for students wishing to know how art applies to everyone in everyday life. A study of art in the home and community. Each semester. 2 hours. *MF, VII.*

C111a, C111b. History and Appreciation of Art. PIJOAN
Study of the historical development of art with especial attention to national genius and expression. 2 hours. *TTh, VIII.*

C120a-C120b. Advanced Drawing and Design. KAMINSKI
A course designed for advanced students in art. The work involves practice in different mediums; charcoal, water color, and oils. Collateral; the study of modern and national art. 2 hours. *WF, IX.*

D219a-D219b. Teaching of Art. KAMINSKI

A general course in methods for art teachers in public schools. Principles of design, color and drawing, demonstrated by problems. 1 hour. *M, V.*

Astronomy

B100a-B100b. General Astronomy. BRACKETT

A non-mathematical course dealing with the general facts of astronomy, including regular observations at the Observatory; designed for students who have only elementary preparation in physics or chemistry and mathematics. Classroom, two hours a week; lecture and observatory, amounting to one period a week. Laboratory fee, $3.00 per semester. *VII.*

C103. Essentials of Astronomy. BRACKETT

A special course in the essentials of the subject, designed for students who have a working knowledge of analytic geometry and calculus and of the more important principles of physical science. Classroom, two hours a week; lecture and observatory amounting to one period a week. Laboratory fee, $5.00. First semester. *IV.*

D102. Cosmogony. BRACKETT

Systems of cosmogony and evolution. Kantian, Laplacian and other historical theories compared with modern hypotheses based upon present knowledge of the constitution of the stars and their motions. Prerequisite: Astronomy C101 or C103. Second semester. *IV.*

D104. Theoretical and Practical Astronomy. BRACKETT

Some phase of theoretical or practical astronomy, such as the determination of time, latitude, and longitude. Classroom, one hour a week; lecture and observatory amounting to two periods a week. First semester. Fee, $5.00. *(Omitted in 1925-1926.)*

D105. Celestial Mechanics. BRACKETT

Applications of the principles of mechanics to the motions of heavenly bodies, with special problems such as the computation of orbits or the determination of the circumstances of eclipses. Second semester. *(Omitted in 1925-1926.)*

D106a-D106b. Astrophysics. BRACKETT

A practical course in the spectrographic study of the sun and stars. Laboratory fee, $8.00 per semester. *A.*

D230. Seminar in Astronomy. BRACKETT

Investigation in a particular field such as binaries, variable stars, or in some phase of Astrophysics. Each semester. 1 to 4 hours. May be repeated for credit. *A.*

Biology

A1a-A1b. General Biology. HILTON, MUNZ and ASSISTANTS
A general course for either those who intend to take further biological work or those who wish but one year. It may be taken for credit only by students who have had no high school Biology, Botany or Zoology. Class, *MW, VII;* laboratory, *MTWTh,* or *F, 1:15-4:10.* Laboratory fee, $6.00 each.

C106. Genetics. MUNZ
Course in modern developments in heredity and evolution and their application in plant and animal breeding. Prerequisite: One year of biological work. First semester. Class, *MW, I;* laboratory, *M, 1:15-4:10.* Laboratory fee, $5.00.

C108. Bionomics. HILTON
A course in the history of biological progress, including modern problems in evolution, heredity and eugenics. It is open to Juniors or Seniors who have had a year of biological work. May be taken with Zoology D131 for three hours. Second semester. 2 hours. *MW, I.*

D219. Teaching of Biological Sciences. MUNZ, GILCHRIST
For those who expect to teach Botany, Zoology or Biology. Discussions of teaching methods in the biological sciences together with a consideration of material and equipment needed for such work. Second semester. 2 hours. *W, XIII; Th, XIV.*

Botany

B21a-B21b. General Botany. MUNZ
A necessary introductory course for advanced work in Botany. A general treatment of structure and life-processes of plants, giving a picture of plants as living organisms. A survey of the plant kingdom giving the steps in the evolutionary series, methods of study of various types of plants, and uses. Both laboratory and field work. Prerequisite: Biology A1 or high school biology or botany or zoology. Laboratory, two exercises a week; lecture, one hour a week. *F, I;* laboratory, *T* and *Th, 1:15-4:10.* Laboratory fee, $7.00 each.

C105. Bacteriology. MUNZ
General study of important bacteria, methods of culture and study, and importance in disease and agriculture. Prerequisite: One year of biological work. Two laboratory periods and one lecture a week. Second semester. Class *W, I;* laboratory, *WF, 1:15-4:10.* Laboratory fee, $8.00. Breakage deposit, $5.00. *(Not given in 1925-1926.)*

C121. Plant Histology. MUNZ
A study of plant tissues with special reference to the anatomy of the vascular and other tissues from the evolutionary point

of view. Prerequisite: Botany B21 or equivalent. First semester. Laboratory, one period; lectures, two hours a week. Class, *TTh, II;* laboratory, *F, 1:15-4:10.* Laboratory fee, $5.00.

C122. Histological Technique. MUNZ

A course in slide-making and other methods of microscropic technique. Prerequisite: General Botany. First semester. One hour. Laboratory, one period a week, *A.* Laboratory fee, $5.00. May be taken with or independently of C121.

C123. Plant Physiology. MUNZ

A study of nutrition and life-processes in the plant; including such topics as absorption, conduction, transpiration, photosynthesis, respiration, fermentation, etc. A foundation course for work in horticulture and agriculture. Laboratory, two periods a week; lecture, one hour a week. First semester. Class, *W, I;* laboratory, *WF, 1:15-4:10.* Laboratory fee, $8.00. Breakage deposit, $5.00. *(Omitted in 1925-1926.)*

C125. Comparative Morphology. MUNZ

An advanced course in morphology and evolution of green plants. Prerequisite: Botany B21 or equivalent. First semester. Laboratory fee, $7.00. *(Omitted in 1925-1926.)*

C126. Taxonomy. MUNZ

Study of local flora and of taxonomic methods. Much field work with trips to the desert, mountains, and coast for study of plants in their native conditions. Prerequisite: General Botany. Second semester. Class, *A;* laboratory, *MW, 1:15-4:10.* Laboratory fee, $7.00.

C127. Ecology. MUNZ

Study of environmental influence and of plant adaptations. Prerequisite: Botany B21 or equivalent. Second semester. Laboratory fee, $7.00. *(Omitted in 1925-1926.)*

D129. Plant Pathology. MUNZ

Study of diseases of citrus and other local horticultural crops, with methods of control. Laboratory and field work, two periods a week. Second semester. Prerequisite: Botany B21 or equivalent, and permission of instructor. *A.* Laboratory fee, $7.00. *(Omitted in 1925-1926.)*

D131. Investigation and Research. MUNZ

Special work, primarily for majors in the department. Each semester. 1 to 3 hours. *A.* Laboratory fee, $2.00 for each hour of credit. Permission of instructor required for registration.

D132. Investigation and Research. MUNZ

A continuation of Botany D131. Each semester. 1 to 3 hours. *A.* Laboratory fee, $2.00 for each hour of credit.

D231. Investigation and Research. MUNZ

Open only to graduates. Each semester. 2 to 6 hours. *A.* May be repeated for credit. Laboratory fee, $2.00 for each hour of credit.

CHEMISTRY

A breakage deposit of $10.00 is required of each student in each course that includes laboratory work. At the conclusion of the work the deposit, less breakage, is returned.

GENERAL AND PHYSICAL CHEMISTRY

A1. Elementary Chemistry. LYMAN

An introductory course, intended for those who have had no previous training, and to be followed by Chemistry A3. First semester. Class, *TTh, II;* laboratory, one period, *T,* or *Th, 1:15-4:10.* Laboratory fee, $6.00.

A3. Inorganic Chemistry. SMITH

To be preceded by Chemistry A1, or by high school chemistry, and in the latter case to be followed by another course in this Department. Descriptive inorganic chemistry, including the chemist's ideas of molecules, atoms and ions. Each semester. First semester; class, *WF, III;* laboratory, one period, *W* or *F, 1:15-4:10.* Second semester; class, *TTh, II;* laboratory, *T* or *Th, 1:15-4:10.* Laboratory fee, $6.00 each.

B5. Elementary Theoretical and Physical Chemistry. BLACET

To be preceded by or accompanied by Chemistry A3, or equivalent. A course in the theoretical aspects of chemistry, considered on a partially mathematical basis. Second semester. Class, *WF, III;* laboratory, *W* or *F, 1:15-4:10.* Laboratory fee, $6.00.

D119a, D119b. Physical Chemistry. SMITH

Prerequisites: Physics, Calculus, Chemistry B5, and C courses in quantitative analysis and in organic chemistry. Class, *TTh, VIII;* laboratory, one period, *A.* Laboratory fee, $8.00 each.

D121a, D121b. Chemistry Conference.

A study of chemical literature. *(Omitted in 1925-1926.)*

D217a, D217b. Research in Physical Chemistry. SMITH

Prerequisite: Chemistry D119. 2 to 6 hours each, *A.* Laboratory fee, $6.00 to $15.00 each.

D219. The Teaching of Chemistry. TURNER

Second semester. 2 hours, *A.*

ANALYTICAL CHEMISTRY

B6. Qualitative Analysis. BLACET

Prerequisite: Chemistry A3 (or by consent of the instructor may be accompanied by Chemistry A3). Qualitative analysis of the inorganic ions. First semester. Class, *M, III;* laboratory, two periods, *TTh* or *WF, 1:15-4:10.* Laboratory fee, $10.00.

B7. Elementary Quantitative Analysis. BLACET

To be preceded by or accompanied by Chemistry B5 and B6. Theory and practice of the principles of quantitative analysis, both gravimetric and volumetric. Each semester. First semester; class, one hour, *T, VIII;* laboratory, two periods, *1:15-4:10, A.* Second semester; class, *M, III;* laboratory, two periods, *1:15-4:10, A.* Laboratory fee, $10.00 each.

C108. Gravimetric and Electro-analysis. BLACET

Prerequisite: Chemistry B7. Gravimetric methods such as silicate analysis; electrometric methods; also some glass-blowing. First semester. Class, one hour; laboratory two periods, *1:15-4:10. A.* Laboratory fee, $10.00. *(Withdrawn 1925-1926.)*

C111. Volumetric Analysis. BLACET

Prerequisite: Chemistry B7. Volumetric methods including iodometry and precipitimetry; determination of nitrogen; also a special problem. Second semester. Class, one hour, *A;* laboratory, two periods, *1:15-4:10, A.* Laboratory fee, $10.00.

D112. Advanced Quantitative Analysis. SMITH and BLACET

Prerequisite: Chemistry C108 or C111. Organic combustions; electrometric titrations, and a problem. First semester. Three laboratory periods, *A,* from which time is taken for lectures and conferences. Laboratory fee, $12.00.

D113. Advanced Quantitative Analysis. SMITH and BLACET

Prerequisite: Chemistry C108 or C111. Work on the analysis of gaseous mixtures. Second semester. Three laboratory periods, *A,* from which time is taken for lectures and conferences. Laboratory fee, $12.00.

ORGANIC AND BIOLOGICAL CHEMISTRY

B9. Organic Chemistry. LYMAN

To be preceded by or accompanied by Chemistry B5 and B6. Chiefly an outline of the field covered by organic chemistry. First semester. Class, three hours, laboratory either one or two periods. 4 or 5 hours. Class, *VII;* laboratory, one or two periods, *1:15-4:10, A.* Laboratory fee, $6.00 for the first period, $4.00 for the second period.

C110. Organic Chemistry. LYMAN

Prerequisite: Chemistry B9. A continuation of Chemistry B9, with particular attention to special topics. Second semester. 4 or 5 hours. Other details as under Chemistry B9.

D114. Advanced Organic Chemistry. LYMAN and SMITH

To be preceded by or accompanied by Chemistry C110. Work on the more difficult organic reactions. Second semester. Class, *M, I;* laboratory, two periods, *A.* Laboratory fee, $10.00.

D115a, D115b. Chemistry of Biological Processes. SMITH and LYMAN

Prerequisites: Physics, Calculus, Chemistry B5, B7 and C110, and some knowledge of Biology. (For the year 1925-1926 some of these prerequisites will be waived). First semester: chiefly colloid chemistry and the chemistry of food and nutrition; second semester; more general biochemical processes. Class, *WF, I;* laboratory, one period, *A.* Laboratory fee, $6.00 each.

D215a, D215b. Research in Organic Chemistry. LYMAN

Prerequisite: Chemistry D114. 2 to 6 hours each, *A.* Laboratory fee, $6.00 to $15.00 each.

D216a, D216b. Research in Biochemistry. SMITH

Prerequisite: Chemistry D115 or equivalent. 2 to 6 hours, *A.* Laboratory fee, $6.00 to $15.00 each.

CHEMICAL TECHNOLOGY

D111a-D111b. Petroleum Technology. TURNER

Prerequisite: C courses in quantitative analysis and in organic chemistry. Class, one hour, *A;* laboratory, two periods. *A.* Laboratory fee, $10.00 each.

D213a, D213b. Research in Petroleum Chemistry. TURNER

Prerequisite: C courses in quantitative analysis and in organic chemistry. 2 to 6 hours each, *A.* Laboratory fee, $6.00 to $15.00 each.

Economics and Sociology

B1a-B1b. Elements of Economics. SEVERSON

A study of value, exchange, money, banking, international trade, distribution, taxation and current economic problems. This course or Economics B103 required before taking other courses in Economics. Two sections. *I, III.*

B31a-B31b. Accounting. THOMSON

VII.

B103. Principles of Economics. BURGESS

A rapid introductory course, open only to Juniors and Seniors who have not taken Economics B1. Second semester. *I.*

C105. Money and Banking. BURGESS

History and principles of Money and Banking with particular attention to recent developments in the field of banking. First semester. *VII.*

C106. Public Finance. BURGESS

Taxation, public debts, budgets and other problems connected with the financing of governments. Second semester. *VII.*

C108. Problems of Labor. KIRK

A study of labor organizations; labor legislation; scientific management; methods of promoting industrial peace. Second semester. *V.*

C109. Business Organizations. SEVERSON

A comparative study of various business organizations: partnership, limited partnership, partnership association, joint stock company, co-operative organization, corporation, holding company, trust. First semester. *VI.*

C110. Corporation Finance. SEVERSON

Prerequisite: Economics C109. Financing of corporations, including promotion, financial structure and control, failures and reorganization, with some study of financial policy of co-operative organizations. Second semester. *VI.*

D111. Investments. SEVERSON

Must be preceded or accompanied by Economics C110. A study of the fields of speculation and investment; problems of investment and analysis. Second semester. *VIII.*

D113. Transportation Problems. THOMSON

An historical and analytical study of transportation principles and problems, with particular reference to railway transportation in the United States. Second semester. *II.*

D114. Elements of Marketing. BURGESS

An analysis of the institutions and methods employed in the distribution of agricultural products and manufactured articles. Second semester. *(Omitted in 1925-1926.)*

D115. International Commercial Policies. BURGESS

An analysis of the policies of nations as they affect international trade, with special reference to the control of raw materials, and trade routes and the promotion of commerce. First semester. *II.*

D119a-D119b. Economics Seminar. BURGESS

Reports on and discussions of new books in the field of eco-

nomics; reports on the current magazines and occasional investigation of special problems. 1 hour. *F, XI.*

D125a-D125b. Economic and Social History of the United States. PITMAN

(*See* History.)

D202. Economic Theory. BURGESS

Second semester. 2 hours. *(Omitted in 1925-1926.)*

D204. History of Economic Thought. BURGESS

(Omitted in 1295-1926.)

B21a-B21b. Elements of Sociology. KIRK

The social population; social forces; social processes; social products; sociological principles. *VI.*

C125. The Control of Poverty. KIRK

(Omitted in 1925-1926.)

C129. Statistical Methods. SEVERSON

Theory and method, including the simple averages—mean, median and mode; frequency distribution; graphics, deviation and correlation. Text book and problems. Open to upper division students in the physical and biological sciences. First semester. *VIII.*

D112. Social Psychology. EWER

(*See* Psychology D112.)

C127. Criminology. KIRK

The nature and evolution of crime; criminal traits and types; the origin and evolution of punishment; crime and social progress. First semester. *V.*

D227. Advanced Studies in Social Economics. KIRK

Designed to meet the needs of students who are interested in the social sciences. First semester. *III.*

D228. Seminar in Social Economics. KIRK

Students will carry on special studies and investigations under the direction of the instructor. Open only to students who have shown in D227 capacity for doing this type of individual work. Second semester. *III.*

EDUCATION

C103. Principles and Problems of American Education. HILL

The purpose of this course is to introduce the student to the most important problems in American Education and to acquaint him with certain approaches to the solution of these

problems. First semester, *IX;* second semester, *MW, XIII, Th, XIV.*

C107. Educational Psychology. EWER

Practical applications of psychology to education. The inherited nature of the learner; principal features of the learning process; principles of educational discipline; methods of mental measurement. First semester. *VII.*

C130. Public Education in California. NICHOLL

A course in public education in California including the organization and administration of the California school system. 2 hours. First semester, *TTh, II.*

D104a, D104b. History of Education.

JAQUA and MACCOBY

The development of educational theory and practice from the Greek period to the present. The second semester is devoted to a discussion of modern problems and principles growing out of historical changes, with special reference to the development of education in the United States. 2 hours. *TTh, VIII.*

D108. Education for Citizenship. HILL

A course presented in such a way as to lead the teacher to appreciate the social purpose of high school subjects and to make instruction in all classes contribute to the training of youth for good citizenship. 2 hours. First semester. *TTh, X.*

D116. Public School Administration and Supervision.

WHALEY

A course in the principles and problems of public school administration and classroom management. Second semester. 2 hours. *TTh, II.*

D117. The Measurement of Intelligence. WILLIAMS

A study of the principles and methods of intelligence testing with special emphasis upon the methods of giving the Stanford Revision of the Binet Tests. Second semester. *VII.*

D118. Educational Measurements. WILLIAMS

A study of the principles involved in the construction and standardization of educational tests with opportunity for practical application of tests in nearby school systems. Second semester. *VII. (Omitted in 1925-1926.)*

D125. Mental and Physical Hygiene in Education. EYRE

A study of the development of the child mentally, physically and morally. Second semester. *VII.*

D206. The Principal and His School. HILL

2 hours. First semester. *(Omitted in 1925-1926.)*

D210. Practice Teaching. NICHOLL

A course in actual practice teaching, supervised, including regular conferences with the supervisor. 2 to 4 hours. *A.* *See* also courses D219 as listed in other departments, which are teachers' courses.

Engineering

A2a, A2b. Engineering Drawing. TAYLOR

A beginning course in mechanical drawing. Includes lettering, use of instruments, orthographic projections, intersection of solids, development of surfaces and the making and interpreting of working drawings. 2 hours. *TTh, 1:15-4:10.*

B3a, B3b. Engineering Drawing. TAYLOR

An advanced course for engineering students. Treats of orthographic, isometric and perspective projections, shades and shadows, machine parts, draughting office practice and standards. Prerequisite: Engineering A2 or its equivalent. 2 hours. *TTh, 1:15-4:10.*

B11a, B11b. Surveying. TAYLOR

Use and adjustment of surveying instruments. Methods of making, recording, and mapping surveys. Field and office work. *A.*

B15a, B15b. Descriptive Geometry. TAYLOR

A study of the science of representing on a plane the location of points, lines, planes, intersection of surfaces, etc., together with the principles of perspective. Prerequisite: Engineering A2 or its equivalent. 2 hours. *A.*

C112a, C112b. Engineering Design. TAYLOR

A laboratory course in design of cams, gears, machine parts and simple trusses. Two 3-hour periods a week. 2 hours' credit a semester. *TTh, 1:15-4:10.*

D113a, D113b. Analytic Mechanics. TAYLOR

A study of force and motion with special reference to engineering problems and structures. Prerequisite: A knowledge of Calculus. *VII.*

D117. Hydraulics. TAYLOR

Flow of water, oils and other fluids in pipes, ditches and streams. Measurement of flow by orifices, weirs, etc. Design of dams, flumes and pipe lines. Two recitations and one laboratory period a week. Must be accompanied or preceded by Engineering D113. First semester. *A.*

D118. Hydraulic Machinery. TAYLOR

A study of the energy of flowing water and its conversion into power. Second semester. *A.*

English Composition and Language

COMPOSITION

A21. Composition. FRAMPTON

An elementary course for those who are deficient in English. May be required of students of any class. Second semester. *VI.*

A22a-A22b. Freshman Composition.

FRAMPTON, LINCOLN, FITTS, WILLIAMSON

Elective for freshmen. Four sections. General course first semester; two sections study creative writing and two exposition and argumentation the second semester. *II* and *VI.*

B23a, B23b. Sophomore Composition.

FRAMPTON, WILLIAMSON

A course for those planning to take C and D work in composition. The first semester (Frampton) will be given to expository forms of composition, such as criticism and the familiar essay; the second semester (Williamson) will be given to description and narration. *IV.*

B124. Composition. WILLIAMSON

A course for upper classmen who desire drill in expression and in the organization of material for theses and allied forms of writing. First semester. *IV.*

C107. Contemporary Poetry. LINCOLN

A course in the chief English and American poetry of the last twenty-five years with particular attention to the newer movements in this field as they have affected either form or content. One period each week will be devoted to the writing of verse. Prerequisite: Six hours of collegiate literature. First semester. *VI.*

C125. Essay Writing. WILLIAMSON

Practice in supervised writing of essays of various types. Especial attention to the Informal Essay. First semester. *V.*

C128. Short-Story Writing. FRAMPTON

Practice in supervised writing of Short-Stories. Study of American short-stories. Second semester. *V.*

D127. Literary Criticism. FRAMPTON

Study of the bases of literary criticism and of outstanding critics, particularly of the last century and a half. First semester. *T, X* and *XII*, and *F, IX.*

D129. Writing of Plays. WILLIAMSON

Especial attention given to the development of local California material. Second semester. *V.*

D230. Composition Seminar. FRAMPTON

Supervised practice in all forms of creative writing. Study of matters and fields of literary interest. Second semester. *T, X* and *XII*, and *F, IX.*

LANGUAGE

C141. Anglo-Saxon. FRAMPTON

Required of students whose major is English Language. First semester. *III. (Omitted in 1925-1926.)*

C144. Chaucer. McCULLY

A study of Chaucer as the outstanding narrative and dramatic poet of the transition from the medieval to the modern world. Prerequisite: Six hours of collegiate literature. Second semester. *VI.*

D142. Beowulf. FRAMPTON

Required of those whose major is English Language. Prerequisite: English C141. Second semester. *III. (Omitted in 1925-1926.)*

D219. The Teaching of English. FITTS

Required of those seeking teacher's certification in English. Second semester. *A.*

English Literature

A1a-A1b. Introduction to Literature. McCULLY

A course in the fundamental principles of literary criticism and interpretation together with reading and study of specimens of the more important literary types.
In case of Freshmen and Sophomores this course is prerequisite for courses B3, B4 and B5. *V.*

B3. Development of English Literature. SPALDING

A historical survey of English literature from its beginnings to the age of Shakespeare.
Prerequisite: English A1 in case of Freshmen and Sophomores. First semester. *VII.*

B4. Shakespeare. LINCOLN

A general course, including some consideration of Shakespeare's life and the conditions under which he lived and wrote, the chief stress falling, however, on a study of the greater plays with a view to enabling the student to read Shakespeare with sympathetic appreciation.
Prerequisite: English A1 in case of Freshmen and Sophomores. Second semester. *VII.*

B5a, B5b. Nineteenth Century Literature. LINCOLN

Wide reading in the literature of the period with lectures on its significance as an expression and interpretation of general English life.

Prerequisite: English A1 in case of Freshmen and Sophomores. *III.*

B13. Greek Literature and Life. NORTON

An introduction to Greek life with a study of the outstanding masterpieces of Greek literature and art. Limited to Sophomores and upper classmen. First semester. *VI.*

C101a, C101b. Literature of the Renaissance. McCULLY

Studies in medieval literature, both English and continental, serve as a groundwork for the course. Thereafter the coming of the Renaissance, the humanists and the New Learning, the Tudor translations, the making of the English Bible, and the work of such men as Sidney, Spenser, Shakespeare and Bacon become main topics.

Prerequisite: Six hours of collegiate literature. Art C111 and History B7 should be taken either before or together with this course. *(Omitted in 1925-1926.)*

C103a, C103b. Literature of the Eighteenth Century. McCULLY

The neo-classical literature of Dryden, Pope and their contemporaries; the periodical essayists; sentimentalism, realism and romanticism; eighteenth century drama; the beginners of the English novel; the spread of the romantic movement in England and on the Continent. Permission of the instructor must be secured before registration for this course. *II.*

C105a, C105b. American Literature. LINCOLN

The literature of the United States, with particular attention to the expression of our national characteristics and sentiments. *IV.*

C107. Contemporary Poetry. LINCOLN

A course in the chief English and American poetry of the last twenty-five years with particular attention to the newer movements in this field as they have affected either form or content. One period each week will be devoted to the writing of verse. Prerequisite: Six hours of collegiate literature. First semester. *VI.*

C110. Milton and His Period. SPALDING

The literature of Puritan and Cavalier, the work of Milton being studied at length in the light of the life and culture of the poet. Second semester. *(Omitted in 1925-1926.)*

C144. Chaucer. McCULLY

A study of Chaucer as the outstanding narrative and dramatic poet of the transition from the medieval to the modern world. Prerequisite: Six hours of collegiate literature. Second semester. *VI.*

D111a, D111b. History of English Drama to 1642. FRAMPTON

Lectures and readings tracing the historical development of English drama from its beginning to its flowering in the work of Shakespeare and his contemporaries; thence through its decline to the closing of the theatres. *VII.*

D113. Shakespeare: The English History Plays. SPALDING

A study of Shakespeare's growth in dramatic power and skill throughout his formative period, the chronicle history plays receiving chief attention. First semester. *V.*

D114. Shakespeare: Selected Plays. SPALDING

A study in some detail of five of the more notable plays. Second semester. *(Omitted in 1925-1926.)*

D115a, D115b. The Novel. McCULLY

Lectures on the history of English prose fiction, with a study of selected nineteenth century novels, followed by a survey of the more recent work in prose fiction, American, English, and continental European. *(Omitted in 1925-1926.)*

D117. Wordsworth and Shelley. McCULLY

The work of the two poets is studied in some detail in relation to their lives and times. First semester. *I.*

D215a, D215b. Seminar in Literature. SPALDING

A correlated review of the development of English literature. With the permission of the instructor a student may register for the second semester of the course without having taken the first. *(Omitted in 1925-1926.)*

D218. The Great Victorians. McCULLY

The "major prophets," Carlyle, Ruskin and Arnold, receive chief emphasis. The work of other eminent Victorians is investigated and discussed in relation to these central figures and to the general social life of the period. Prerequisite: English C103 or an equivalent. Second semester. *I.*

French

A1a-A1b. Elementary. NIVON, TAYLOR and BISSIRI

Stress laid on accurate pronunciation, essentials of grammar, translation of French prose; dictation, conversation and easy composition. Three sections. *I, II, II, III.*

B3a-B3b. French Novel of the Nineteenth Century.

TAYLOR and BISSIRI

A survey of the literature of the nineteenth and twentieth centuries. Selections from representative authors; Chateaubriand, Hugo, Balzac, Loti, Sand, Clemenceau, Anatole France, Coppee. Composition, summaries and reports in French. Four sections. *II, III, V, VI.*

B4a-B4b. Grammatical Analysis. BISSIRI

An intensive study of grammar with emphasis on idiomatic French, original compositions, conversation, reading of contemporary French. Class conducted largely in French. Prerequisite: French A1 or equivalent. 2 hours. *TTh, VIII.*

C105. Classic Drama. BISSIRI

A study of typical plays by Corneille, Racine and Moliere, with collateral reports in French. Lectures in French. Prerequisite: French B3 or equivalent. Two sections. First semester. *V.*

C106. Seventeenth Century Prose. BISSIRI

Study of Boileau, La Fontaine, La Bruyere, Descartes, Pascal, Bossuet, Fenelon, Mmes. de Sevigne, La Fayette and Maintenon; lectures and collateral study in French upon the age of Louis XIV. This and all following courses conducted in French. Second semester. *V.*

C107a-C107b. French Conversation. BISSIRI

Practical course in French conversation based on modern colloquial usages. Prerequisite: French B3 and B4 or equivalent. Two sections. 1 hour. *T, X; W, VII.*

D109. Literature of the Eighteenth Century. JONES

A critical study of the French philosophers of the eighteenth century, with especial attention to Montesquieu, Voltaire and J. J. Rousseau. Collateral readings and reports by members of the class. Prerequisite: French C105 and C106. First semester. *(Omitted in 1925-1926.)*

D110. Romantic School. JONES

An intensive study of the French poets of the early nineteenth century. Readings from Hugo, Lamartine, A. de Musset, and others. Collateral readings and lectures upon the period. Prerequisite: French C105 and C106. Second semester. *(Omitted in 1925-1926.)*

D111. Contemporary Literature. NIVON

Prerequisite: French C105 and C106. First semester. *IV.*

D112. Ronsard to Malherbe. NIVON

A study of the Pleiade. Essays of Montaigne. Lectures upon the literary history of the period. Prerequisite: French C105 and C106. Second semester. *IV.*

D219. The Teaching of French. BISSIRI

Discussion of textbooks and methods. Technical: French phonetics. First semester. 2 hours. *A.*

Geology

B1. Physical Geology, dynamic and structural. WOODFORD

Prerequisite: High school chemistry or equivalent. Class, two hours a week; laboratory or field work, one period a week. First semester. Class, *WF, 1;* laboratory, *W* or *Th, 1:15-4:10.* Laboratory fee, $3.00.

B2. Historical Geology. WOODFORD

Prerequisite: Geology B1. Second semester. Class, *WF, 1;* laboratory or field work, *W* or *Th, 1:15-4:10.* Laboratory fee, $3.00.

B3. Determinative Mineralogy. WOODFORD

Prerequisite: High school chemistry or equivalent. Each semester. Two laboratory periods. 2 hours. *A.* Laboratory fee, $4.00.

C105. Crystallography. WOODFORD

Must be preceded or accompanied by Geology B3, unless taken upon the written recommendation of the Department of Chemistry. First semester. 2 hours. *WF, V.*

C106. General Mineralogy. WOODFORD

Physical-chemical relations and paragenesis of minerals; blowpipe analysis. Prerequisite: Geology B3 and C105. Second semester. Class, *WF, V;* laboratory, *T, 1:15-4:10.* Laboratory fee, $4.00.

C107a, C107b. Invertebrate Paleontology. WOODFORD

Prerequisite: Geology B2. Both semesters. One class and two laboratory periods. *A.* Laboratory fee, $6.00 each. Given alternate years. *(Omitted in 1925-1926.)*

C110. Petrology. WOODFORD

The study of rocks without the microscope. Prerequisite: Geology B1, B3 and C105. Second semester. One class and two laboratory periods. *A.* Laboratory fee, $4.00.

D104. Field Geology. WOODFORD and TAYLOR

Prerequisite: Geology B2, C10. A summer course of three or six weeks. 3 or 6 hours. *A.*

D111. Optical Mineralogy. WOODFORD

Prerequisite: Geology C105. First semester. Two class and one laboratory periods. *A*. Laboratory fee, $5.00. Given alternate years.

D112. Petrography. WOODFORD

Prerequisite: Geology D111. Second semester. One class and two laboratory periods. *A*. Laboratory fee, $8.00. Given alternate years.

German

A1a-A1b. Elementary. CHURCH

Constant ear-training, with such practice in speaking as time allows. Translation into German. Dictation. Two sections. *II, V*.

B3a-B3b. Prose Narrative and Drama. CHURCH

Review of grammar, conversation with writing in German. Dictation. Prerequisite; German A1, or equivalent. Two sections. *VI, VIII*.

B4a-B4b. Composition. CHURCH

Conversation, translation into German and also free composition. May be required of those deficient in German. 1 hour. *A*.

B6a-B6b. Composition. CHURCH

Advanced narrative prose. For students of good standing. Prerequisite: German B4 or equivalent. 1 hour. *A*.

C109a, C109b. German Literature of the Nineteenth Century. CHURCH

Conversation and writing in German continued; reading at sight. Lectures on German Novel. Prerequisite: German B3 or equivalent. *I*.

C110a-C110b. German Composition and Conversation. CHURCH

Stress is laid on free composition. Prerequisite: German B3 or equivalent, and German B6. 1 hour. *A*.

C111. Scientific German. CHURCH

Stress is laid on preparing accurate outlines of passages read. Intended primarily for those planning to do graduate work in which reading of German is required. Second semester. *VIII*.

D112. Composition. Advanced Course. CHURCH

Free composition, interpretation, short essay writing. Required of all who desire the recommendation of the Depart-

ment as teachers. Prerequisite: German C110. First semester. 1 hour. *A.*

D113. Lessing and Schiller. CHURCH

Translation and lectures on their work and influence. First semester. *IV.*

D114. Goethe. CHURCH

Reading of Faust and one other work. Lectures on Goethe's life and influence. Special study of the Faust Legend and literary questions on it. Second semester. *IV.*

Greek

B1a-B1b. Elementary. NORTON

First lessons; relation to modern Greek and to English scientific vocabulary; selected short passages from Greek literature; Book I of Homer's Iliad. *A.*

B3. Herodotus and Plato. NORTON

Selections from the history of Herodotus; brief treatment of Greek history and dialects; Plato, Apology and Crito; life of Socrates and his contribution to philosophy. First semester. *IV.*

B4. Greek Epic Poetry and Tragedy. NORTON

Selections from Homer's Odyssey; history of the epic; Sophocles, Antigone or Euripides, Alcestis; the Greek theater and stage antiquities. *(Omitted in 1925-1926.)*

B13. Greek Life and Literature. NORTON

Open to students who have no knowledge of the Greek language, and designed to give an appreciation of the masterpieces of Greek literature through translations. First semester. *VI.*

C106. Sophocles and Aeschylus. NORTON

Sophocles, Oedipus the King; Aeschylus, Prometheus; technique of the Greek drama; treatment of the versification of tragedy. Second semester. *(Omitted in 1925-1926.)*

C107. Hellenistic Greek. NORTON

Selected passages from the New Testament; practice in interpretation and in textual criticism; treatment of Hellenistic morphology and syntax. First semester. *(Omitted in 1925-1926.)*

C117. History of Greece. ROBBINS

Lectures, assigned readings and quizzes on the history, civilization and achievement of the Greeks from prehistoric times to the Roman Conquest. First semester. *(Omitted in 1925-1926.)*

History

A1a-A1b. The Development of Western Civilization. PITMAN

The evolution of civilization in Europe from antiquity to the present, and its spread throughout the world. Attention is paid to the political, religious, intellectual, and economic forces of change. The aim is to lay a foundation for the understanding of contemporary problems. Normally a prerequisite for advanced courses in history. *I.*

B5a-B5b. American History. LESLEY

A general survey from the early explorations to the present, tracing the development of the American people in its economic, social, and governmental aspects. First semester, to the administration of Jackson; second semester, the Jacksonian period to the present. *III.*

B7a-B7b. English History. PITMAN

A survey of the development of the main features of civilization in England and the British Empire. Emphasis is laid upon the evolution of religious, intellectual, and economic forms as well as the growth of political institutions. Thus the course is largely a study of the cultural heritage of America. First semester, Great Britain to 1783; second semester, Great Britain and the Empire since 1783. *VIII.*

C109a-C109b. Westward Expansion of American Society. LESLEY

A study of frontier society in its geographic, economic, social and governmental aspects, and of the influence of frontier conditions and institutions on the character of American society and politics. The course includes a study of the population and institutions of the territories and dependencies of the United States. *VI.*

C113a-C113b. Modern European History. PITMAN

Following an introductory survey of the forces operating in the society of the eighteenth century a study is made of the French Revolution and the Napoleonic period. First semester, to 1815. The development of European nations is traced in its political and cultural aspects with emphasis upon international relations with reference to present-day conditions. Second semester, 1815 to the present. *VII.*

C117, C118. History of the Greeks and Romans. ROBBINS

(*See* Departments of Greek and Latin for description.) *V.* *(Omitted in 1925-1926.)*

D119. International Relations of the United States. LESLEY

The economic and political relations between the United States and Latin America, the West Indies, Canada, and the Orient.

The relation of the United States to such movements as arbitration, the Hague tribunal, and other organizations for international co-operation including the League of Nations. Prerequisite: Two years of college history. Second semester. *I.*

D219. Teaching of History. LESLEY

Second semester. 2 hours. *A.*

D125a-D125b. Economic and Social History of the United States. PITMAN

A study of agrarian, commercial, and industrial conditions which helped determine the character and importance of the major political and social problems of American colonial and national history. 2 hours. *MF, V.*

D230. Seminar in History. PITMAN and LESLEY

(Omitted in 1925-1926.)

D131a-D131b. Hispanic American History. PIJOAN

Special fields selected for study and investigation, such as the period of the great discoveries, the Spanish settlement of California, Spanish institutions in America. 2 hours. *TTh, VI.*

For classes in American Government, American Diplomacy, and Constitutional History, see the Department of Political Science and Law.

Italian

B131a-B131b. Elementary. NIVON

Essentials of grammar. Special emphasis upon pronunciation. Composition and dictation. *XI.*

C133. I Poeti dei secoli XVIII e XIX. ———

A study of the foremost Italian poets and dramatists of the last two centuries. This course, and all to follow, conducted in Italian. First semester. *A. (Omitted in 1925-1926.)*

C135. Boccaccio and Petrarch. ———

Selections from the Decamerone and other works of Boccaccio. Study of the Canzoniere of Petrarch. First semester. *V. (Omitted in 1925-1926.)*

D134. Il Cinquecento. ———

A study of the Italian epics of the sixteenth century. Readings from Boiardo, Ariosto, Tasso and others. Collateral readings and reports in Italian. Prerequisite: C133 or C135. Second semester. *A. (Omitted in 1925-1926.)*

D136. Dante. ———

Intensive study of the Inferno, with selections from the Purgatorio and Paradiso. Collateral readings with reports in Italian. Prerequisite: C133 or C135. Second semester. *V. (Omitted in 1925-1926.)*

Latin

A1a-A1b. Elementary. ROBBINS

First lessons in Latin with oral and written work; translation of stories from mythology and of easy Latin plays; Book II and selections from several other books of Caesar's Gallic War. *I.*

A2a-A2b. Cicero, Ovid and Vergil. ROBBINS

Cicero, Orations I and IV against Catiline and the Oration for Archias; selected passages from Ovid's Metamorphoses and Vergil's Aeneid. *VII.*

B3a, B3b. Cicero, Pliny and Horace. ROBBINS

Cicero, De Senectute; Pliny, Selected Letters; study of the life and times of the late Roman republic and early empire. Horace, Odes and Epodes; philosophy, history and mythology as reflected in the poems of Horace; study of the metrics of Horace and the influence of the Greek lyric poets. *VI.*

B4a-B4b. Composition. ROBBINS

Review of Latin grammar and writing of Latin sentences to fit the needs of the class. Required of students making Latin their major. One hour. *A.*

C108a-C108b. Composition, Connected Narrative. ROBBINS

Translation of connected discourse into Latin; lectures on Latin word-formation. Required of students making Latin their major. Prerequisite: Latin B4. 1 hour. *A.*

C118. History of Rome. ROBBINS

Lectures, assigned readings and quizzes on the history, organization and achievement of the Romans from the foundation of the Eternal City to the reign of Justinian. Second semester. *V. (Omitted in 1925-1926.)*

D109, D110. Roman Philosophy and Satire. ROBBINS

Selections from the philosophical works of Cicero, Lucretius and Seneca; contribution of Rome to the history of philosophy. Selected poems of Martial, Persius and Juvenal; history of the origin and development of satire. *VIII.*

D219. The Teaching of Latin. ROBBINS

Designed for those who plan to teach Latin in the secondary schools. First semester. 2 hours. *A.*

D220. Latin Seminar. ROBBINS

Seminar in Roman Literature with emphasis upon the Roman historians, Livy and Tacitus. 2 to 4 hours. *A.*

Law

(See Political Science and Law.)

Mathematics

The courses in Mathematics designated A2, A4, A5 and B3 are intended primarily for Freshmen. Students who enter with credit for three and a half or four units of commended work in Mathematics, including solid geometry and trigonometry may take Mathematics B13. Mathematics A5 is intended primarily for those who do not expect to take further work in the subject. Others should take Mathematics A4 and A2 or B3, according to their preparation and need.

A2. Plane Trigonometry. TAYLOR and RUSSELL

Elements of plane trigonometry with practical problems. Each semester. First semester, *V*; second semester, *III*.

A4. Algebra. RUSSELL

A semester course in second year algebra, designed for those who have studied algebra only one year. First semester. *III*.

A5a-A5b. Elementary Analysis. BERRY

A theoretical and historical study of some of the more interesting principles of mathematical analysis. *III*.

A8. Mathematical Introduction to Engineering. TAYLOR

Prerequisite: Plane trigonometry. First semester. *II*.

B3a, B3b. Algebra. RUSSELL

Fundamental operations and quadratic equations; complex numbers; ratio, proportion and variation; binomial theorem; elementary functions; series; logarithms; theory of equations. Prerequisite: Two years of high school algebra. *V*.

B13a, B13b. Analytical Geometry and Calculus. RUSSELL

An elementary course in the principles of co-ordinate geometry and introduction to differential calculus. Designed to follow Mathematics A2, A5 or B3. *VI*.

B17. Elements of Analytic Geometry and Calculus. TAYLOR

Primarily for students of Engineering. To follow Mathematics A8. Second semester. *V*.

C108a-C108b. Analytic Geometry and Calculus. TAYLOR

A continuation of the analytic geometry and calculus of Mathematics B17. *VI*.

C115a-C115b. Differential and Integral Calculus. RUSSELL

A continuation of Mathematics B13a, B13b. *IV*.

D119. Theory of Equations. RUSSELL

Theory and solution of higher algebraic equations, employing determinants, elimination and linear transformations. First semester. *II*.

D120. Differential Equations. RUSSELL

A general course in the theory and solution of differential equations. Second semester. *II.*

D121a-D121b. Higher Analysis. BRACKETT

An introduction to the realm of higher mathematics, including the intensive study of some particular subject, such as the theory of numbers of real functions, designed to develop independence and power in mathematical reasoning. *III.*

D227. Projective Geometry. BRACKETT

A deductive study of the principles of projective geometry with special attention to the foundations of geometry. *(Omitted in 1925-1926.)*

D219. The Teaching of Mathematics. RUSSELL

Lectures, readings, and discussions on what should be regarded as essential in the teaching of mathematics. First semester. 2 hours. *A.*

Military Science

This institution maintains an Infantry unit, senior division, of the Reserve Officers' Training Corps. The training has been placed on a voluntary basis instead of being a prerequisite for graduation as in former years. The basic course consists of two years, Freshman and Sophomore, and is open to all physically fit Americans over fourteen years of age. The advanced course, for Junior and Senior years, is open to selected students, who have completed the basic course, and who sign an agreement to attend an advanced camp for not to exceed six weeks during one summer vacation. Students who have satisfactorily completed two full academic years in a Junior R. O. T. C. unit, will normally be admitted to the second year of the basic course. Students who have completed three full years in a Junior R. O. T. C. unit may be admitted to the advanced course in their freshman year.

A1a-A1b. Basic Course. CLARKE and SHORES

Elementary subjects of military training; command and leadership; rifle marksmanship. 1½ hours. Class *T* or *Th*, *VIII*, or *F*, *VII;* field work, *M. 1:15-3:10.*

B3a-B3b. Basic Course. CLARKE and SHORES

Scouting and patrolling; command and leadership; automatic rifle; musketry; interior guard duty. 1½ hours. Class *Th*, *VIII* or *F*, *IX;* field work, *M. 1:15-3:10.*

C105a-C105b. Advanced Course. SHORES

Military law; military sketching; military field engineering; infantry weapons (machine gun); rules of land warfare;

command and leadership. Junior year. 3½ hours. *II* and *M. 1:15-3:10.*

D107a-D107b. Advanced Course. CLARKE

Infantry weapons (37MM gun. 3″ trench mortar) administration; military history; combat principles; command and leadership. Senior year. 3½ hours. *IV* and *M. 1:15-3:10.*

Music

THEORY AND APPRECIATION

Courses in the Theory and Appreciation of music are granted credit on the same basis as other college studies and proficient students may major in either theoretical or applied music under conditions arranged in consultation with the head of the department.

A1a-A1b. Elementary Harmony. ALLEN and ALDERMAN

A study of intervals, scales, tonal magnetism, primary triads, dominant seventh and ninth chords, and all non-chordal tones. Harmonization of melodies. A2 is recommended. Prerequisite: Elementary knowledge of the pianoforte. Two sections. *I, II.*

A2a, A2b. Ear-Training and Sight-Singing. ALDERMAN

A study of scale tones and their relationships together with a development of rhythmic appreciation. Melodic and harmonic dictation with a view to discriminative listening and proficiency in sight-reading. Recommended for all Harmony students. Two sections. 3 hours' recitation. 2 hours' credit. *IX.*

B3a-B3b. History and Appreciation. ALLEN

A course tracing the development of music from ancient times to the present; biographical sketches of famous composers with a description of their principal works. Recitals, to aid in appreciation, are given frequently. Victrola and Duo Art. 2 hours. *MF, XI.*

B5a-B5b. Advanced Harmony. ALLEN

Secondary harmonies. Modulation and chromatically altered chords. Extensive keyboard drill. Creative work is encouraged from the beginning. Harmonization conducted on a melodic basis. Prerequisite: Music A1 or equivalent. *VII.*

C107a-C107b. Counterpoint. ALLEN

A study of Simple Counterpoint in the five species with an aim to develop technique in voice leading. Two and three part inventions. Creative work in the simple forms of Free Composition is undertaken during the course. Prerequisite: Music B5. *VI.*

C113a-C113b. Orchestration. HARTLEY

A study of orchestral instruments, their capabilities and limitations, and their use singly, and in groups; arranging of compositions for Symphony. "American" and "Theatre" Orchestra; the study of scores; the theory and practice of conducting. This course is especially designed to meet the needs of a student desiring the State Certificate. Prerequisite: Music B5. *XIII.*

D108a, D108b. Free Composition. ALLEN

Advanced original work in the shorter free styles followed by the Sonata form. Prerequisite: Music C107. *A.*

D219. Public School Music Methods. BLAKESLEE

Selection, presentation and interpretation of the song. Methods of developing sight-singing and other technical problems. A brief study of child psychology. Teaching plans with a bibliography of material. Class work includes actual teaching practice. First semester. 2 hours. *A.*

APPLIED MUSIC

The student in applied music will be enrolled for credit toward the Bachelor of Arts degree only upon the written recommendation of the Chairman of the Examining Committee and the Head of the Department, and upon the subsequent favorable action of the Classification Committee. This recommendation is based upon the degree of ability and advancement shown in Proficiency Tests. In addition the work in applied music must be accompanied or preceded by Harmony A1. A second year or more of credit is possible when the applied course is accompanied or preceded by Harmony B5. A minimum of two half-hour lessons weekly is required for which two hours' credit is allowed. No college credit is given for work below "B" (Sophomore) grade. Not more than 12 hours' credit in applied music may be counted toward the Bachelor of Arts degree unless the student is able to present a total of 8 hours of "D" (Senior) grade work in any subject. In this case 16 hours' credit may be allowed. Proficiency tests are required only of students desiring credit toward the Bachelor of Arts degree. For further details *see* Music Bulletin.

Voice LYMAN, BABCOCK

Organ HARTLEY

Piano OLIVE, WEST, ALDERMAN

Violin and Ensemble UNIACKE

Violoncello CARVER

Orientation

A course which seeks to assist Freshmen to orient themselves in the field of knowledge.

Four courses required of all Freshmen. Not open to students of other classes. Each course covers nine weeks and receives 1½ hours' credit.

A1. College Life and Study. CO-OPERATING FACULTY
First semester. *IV.*

A12. Social Science. KIRK
Each semester. *IV.*

A13. Humanities and Fine Arts. AMENT
Each semester. *IV.*

A14. Religion. BROOKS
Each semester. *IV.*

Philosophy

B21. Introduction to Logic. IREDELL
A study of the elements of deductive and inductive reasoning with special emphasis upon the problems of definition, the nature and use of scientific hypotheses, probability, and deductive and inductive fallacies. Each semester. First semester, *IV.* Second semester, *V.*

B23. Ethics. DENISON
A study of the field of morality, the problem of human freedom, the standard of judgment of right and wrong and the social and individual judgments on moral questions. An examination of conscience and reason. First semester. *V.*

C125a, C125b. History of Philosophy. IREDELL
A study of the main currents of thought from the earliest Greek thinkers through modern philosophic thought. The course is designed to be a general and cultural introduction to philosophy through history. *VII.*

C127. Introduction to Philosophy. DENISON
A consideration of the problems of philosophic thought as these come out in Astronomy, Geology, Physics, Biology and Psychology, together with an examination of the method and principles of science. Prerequisite: B course in Philosophy or Psychology. Second semester. *V.*

C133. Philosophy of Evolution. DENISON
A study of the background of Darwin's idea of evolution with examination of later theories in their scientific and metaphysical aspects. Some adequate background in science or philosophy will be required. First semester. *IV.*

D117. Theory of Knowledge. IREDELL

A consideration of some of the fundamental problems concerning the nature and limitations of human knowledge. Prerequisite: Philosophy C125 or C127. First semester. *(Withdrawn in 1925-1926.)*

D118. Metaphysics. IREDELL

A study of such fundamental problems as monism and pluralism, the nature of the self, and teleology. Prerequisite: Philosophy C125 or C127. Second semester. *VI.*

D129. Philosophy of Religion. DENISON

A philosophical examination of the fundamentals of religion, such as the nature of God, the problem of evil and the destiny of man. Prerequisite: Philosophy C125 or C127. Second semester. *VI.*

D132. Philosophy of the State. DENISON

A philosophical study of the nature and function of the state and its basis in human nature, together with an examination of the philosophies of democracy, of the economic order and of internationalism. Some background in Social Psychology, Sociology, Economics or Political Science required. Second semester. *IV.*

D220. Philosophy since 1900. DENISON

A study of contemporary philosophic thought through some of the main modern thinkers with special reference to the dominant ideas of the civilization of today. First semester. *VII.*

D230. Philosophy Seminar. DENISON

Admittance by consent of the instructor. *(Not given in 1925-1926.)*

Physical Education

MEN AND WOMEN

C127a-C127b. Playground Theory. HEATH

½ hour. *W, IX.*

C129a-C129b. Playground Dancing. EVANS

Open only to those taking Physical Education C127. ½ hour. *T, X.*

D130. Kinesiology. EVANS

First semester. *III.*

D131. Study and Treatment of Growth Divergencies. BIGELOW

Prerequisite: Physical Education D130. Second semester. Lecture, 2 hours; laboratory, 1 hour. *A.*

D133. Teaching of Hygiene. EVANS

First semester. 2 hours. *MW, III. (Omitted in 1925-1926.)*

D134. First Aid and Symptomology. ALLEN

Second semester. 1 hour. *A.*

MEN

A physical examination is given to all entering students, together with a series of physical efficiency tests. Upon the basis of these tests and examinations each student is assigned to courses in sports, gymnastics or corrective exercises, according to his physical needs.

A1a. Sports, Gymnastics or Corrective Exercises. NIXON, HEATH, STREHLE

Required, Freshman year. First semester. ½ hour. *A.*

A1b. Self Defense. NIXON, HEATH, STREHLE

Required, Freshman year. Second semester. ½ hour. *A.*

A2a-A2b. Gymnastic Exercises. HEATH, STREHLE

Required of Freshmen not taking military. Freshman year. ½ hour. *A.*

A5a. Informational Hygiene. NIXON

Must be taken in Freshman or Sophomore year unless equivalent is offered. First semester. 1 hour. *T* or *Th, VIII.*

B3a. Swimming. STREHLE

Required, Sophomore year. Second semester. ½ hour. *A.*

B3b. Sports or Gymnastics. NIXON, HEATH, STREHLE

Required, Sophomore year. First semester. ½ hour. *A.*

B4a-B4b. Sports. NIXON, HEATH, STREHLE

Required of Sophomores not taking military. Sophomore year. ½ hour. *A.*

C105a-C105b. Sports. NIXON, HEATH, STREHLE

Required, Junior year, ½ hour. *A.*

C107a-C107b. Sports. NIXON, HEATH, STREHLE

Required, Senior year. ½ hour. *A.*

D135a-D135b. Methods in Coaching and Supervising Athletics. NIXON, HEATH, STREHLE
Open to Senior men only. 1 hour. *A.*

D219. Teaching of Physical Education. NIXON
Theory of teaching physical education in elementary and secondary schools. Brief study of history and theory of physical education, of the various systems now in use, with emphasis on the California system. Some practice teaching. Second semester. 2 hours. *TTh, VIII.*

WOMEN

A medical and physical examination is given all entering students with subsequent posture tests. Physical activities are allowed or prescribed as the result of these examinations. Each student is assigned to her gymnasium class section. Students may have freedom of election in sports in as far as medical and physical examinations warrant, but must include during freshman and sophomore year one individual sport, one team or group sport, and one season of either folk or natural dancing.

A5a-A5b. Informational Hygiene. EVANS
Must be taken in Freshman year, unless equivalent is offered. 1 hour. *T* or *Th, VIII.*

A11a-A11b. Gymnastics. DILLON, BIGELOW
Required, Freshman year. ½ hour. *MW, VII* or *XIII.*

A12a-A12b. Sports. EVANS, DILLON, BIGELOW
Required, Freshman year. ½ hour. *A.*

B13a-B13b. Gymnastics. EVANS, DILLON, BIGELOW
Required, Sophomore year. ½ hour. *TTh, VIII* or *XIV.*

B14a-B14b. Sports. EVANS, DILLON, BIGELOW
Required, Sophomore year. ½ hour. *A.*

C115a-C115b. Sports. EVANS, DILLON, BIGELOW
Required, Junior year. ½ hour. *A.*

C117a-C117b. Sports. EVANS, DILLON, BIGELOW
Required, Senior year. ½ hour. *A.*

D119a-D119b. Methods in Coaching and Supervising Sports. EVANS, DILLON, BIGELOW
1 hour. *F, XI.*

D219. Theory of Teaching of Physical Education. EVANS
Second semester. 2 hours. *MW, III.*

Physics

A1a-A1b. Elements of Physics. HITCHCOCK

Designed for those having had no previous work in the subject. Prerequisite: Elementary Algebra and Plane Geometry. Class, *MW, V;* laboratory, *T, 1:15-4:10.* Laboratory fee, $5.00 each.

B2a-B2b. General Physics. TILESTON

A study of the phenomena and laws of mechanics, wave motion, sound, heat, magnetism, electricity and light. This course is designed to furnish a working knowledge of the basic principles of physics and is planned especially for those students who expect to continue their technical studies in medicine, engineering, chemistry or physics. Prerequisite: Trigonometry. Lecture: *III;* laboratory: *W* and *Th. 1:15-4:10.* 5 hours. Fee, $5.00 each.

B3a-B3b. Mechanics of Solids and Fluids, Heat and Sound. HITCHCOCK

Designed for those preparing for mechanical or electrical engineering. Prerequisite: The equivalent of High School Physics, Mathematics through differential and integral calculus. *I.*

C105a-C105b. Magnetism, Electricity and Light. HITCHCOCK

(Omitted in 1925-1926.)

C111a-C111b. Advanced Magnetism and Electricity. HITCHCOCK

Prerequisite: Physics B2 and Differential and Integral Calculus. *IV.*

D109a-D109b. Physical Measurements. TILESTON

2 hours. *A.* Laboratory fee, $8.00 each.

Political Science and Law

B1. Political Control. STORY

The genesis and nature of significant political phenomena and the technique of control. Prerequisite for advanced courses in political science after 1925-1926. Both semesters. *IV.*

C101. American Government. LESLEY

A survey of the making of the Constitution, with particular emphasis upon the work of the Constitutional Convention. The development of the Constitution, especially in the hands of the Supreme Court, is a further subject of study. First semester. *I.*

C103. Municipal Problems. STORY

Causal explanation applied to problems in the political organization and administration of urban communities. First semester. *II.*

C104. Political Institutions. STORY

A study of the origin, development and nature of representative assemblies and of the present process of adapting them to the increasingly complex conditions. Second semester. *II.*

C105a, C105b. Elementary Law. BURGESS

First semester. An Introduction to American Law. Second semester. Fundamental Principles of Business Law. 2 hours. *TTh, IV.*

C107. Governments of Contemporary Europe. MACCOBY

A study of the governments of the principal European states including a special examination of contemporary history in cases where there has recently been violent change. First semester. *V.*

C108. International Politics. MACCOBY

Discussion of policies which result in clash of national interests and of methods by which these clashes can be prevented or their most harmful effects avoided. Second semester. *V.*

D101. Public Opinion. STORY

The origin and nature of individual attitudes toward public policy and control. First semester. *III.*

D102. Parties and Politics. STORY

Analysis of problem of getting candidates and policies accepted in large democratic communities with diversified social and economic interests. Second semester. *III.*

D111a-D111b. American Constitutional History ————

A study of the background of history with regard to the Constitution of the United States, and an examination of the Constitution itself and the decisions of the Supreme Court upon questions raised under the Constitution. *IV. (Omitted in 1925-1926).*

D117. History of Political Theory. MACCOBY

An historical survey of the leading schools of political thought with chief emphasis upon the trends developed in recent years. First semester. 2 hours. *VII. (Withdrawn in 1925-1926.)*

D118. International Law. MACCOBY

A study of the principles governing international relations from the time of the emergence of the modern state. Second semester. 2 hours. *VII.*

D230, D231. Seminar. STORY

Open to qualified seniors and graduates. 2 hours. *A.*

Psychology

B1. Elements of Psychology. EWER, EYRE

The fundamental facts and laws of the mind. Principles of sensation, perception, memory, thought, feeling, emotion, instinct and will. The relation of mental processes to the nervous system and to action. Each semester. First semester, Ewer, *III*, Eyre, *V;* second semester, Ewer, *V.*

B3a-B3b. Elements of Psychology. WILLIAMS

A more comprehensive course than B1, including classroom experiments and demonstration in addition to text book, reference books and lectures. *IV.*

C106. Problems of Psychical Research. EWER

The mysterious phenomena of the mind presented in the light of scientific psychology. The subjects considered include hyperesthesia, automatisms, illusions and hallucinations, hypnotism, contemporary occultism and spiritualism. Second semester. *VI.*

C107. Educational Psychology. EWER

Practical applications of psychology to education. The inherited nature of the learner; principal features of the learning process; principles of educational discipline; methods of mental measurement. First semester. *VII.*

C108. Applications of Psychology. WILLIAMS, EYRE

A critical study of the fundamental psychological principles underlying all applied psychology together with their application to typical applied fields. First semester, Eyre, *VI;* second semester, Williams, *III.*

C116. Comparative and Genetic Psychology. WILLIAMS

An intensive study of the methods used and the results obtained in the fields of animal and infant psychology. First semester. *III.*

C118. Experimental Psychology. WILLIAMS

A laboratory course in psychology accompanied by lectures and discussions of the principles of scientific method used in psychological investigations. Second semester. Class, *WF, V;* laboratory, *M, 1:15-4:10.* Laboratory fee, $2.00.

D112. Social Psychology. EWER

Mental processes underlying social order and progress. Social instincts and sentiments, forms of social imitation and suggestion, the social aspects of self-consciousness, the mental life of the crowd and the organized group. Psychological aspects of contemporary social problems. First semester, *IV;* second semester, *VII.*

D117. The Measurement of Intelligence. WILLIAMS

A study of the principles and methods of intelligence testing with special emphasis upon the methods of giving the Stanford Revision of the Binet Tests. Second semester. *VII.*

D124. Psychotherapy. EYRE

Nervous and mental disorders and the principal methods of treatment. Second semester. *VI.*

D125. Mental and Physical Hygiene in Education. EYRE

(*See* Education, D125.)

D129. Psychology of Religion. WILLIAMS

An analytic study of the mental processes involved in the phenomena of religious emotion and belief. First semester. *VI.*

D230. Seminar in Psychology. WILLIAMS, EWER

A study of certain psychological problems. The topics change from year to year. First semester, Williams; second semester, Ewer. *A.*

Public Address

A31a-A31b. Fundamentals of Speech. SCOTT

Platform deportment and gesture. Development and use of the speaking voice. Both memorized and extempore speech material. 2 hours. *MF, III.*

B32a-B32b. Public Address. SCOTT

Training in analysis of subjects, selection and arrangement of material, psychological adaptation of material and treatment to specific audiences. Prerequisite: Public Address A31, or equivalent. 2 hours. *TTh, VI.*

B35. Argumentation and Debate. SCOTT

Study of the principles of argumentation and practical application of these principles in class debates. Debate subjects for the year analyzed and debated. First semester. 2 hours. *TTh, IV.*

B36. Parliamentary Usage. SCOTT

Principles of parliamentary procedure and their application in the organization and conduct of assemblies. Second semester. 2 hours. *TTh, IV.*

C131a-C131b. Advanced Public Address. SCOTT

Training in the construction and delivery of formal addresses. Prerequisite: Public Address B32 or equivalent. 2 hours. *TTh, VIII.*

C134a-C134b. Interpretative Reading of Dramatic Literature. SCOTT

The intensive study of a limited number of standard plays, with emphasis on dramatic values in character and plot. Presentation of scenes from such plays and of several one-act plays entire. Prerequisite: Public Address A31, or equivalent. Second semester. *XIII.*

Religion

B3. Old Testament History and Religion. BROOKS

First semester. 1 hour. *F, XI.*

B5. The Prophets. BROOKS

Second semester. 1 hour. *F, XI.*

B6. Introduction to New Testament. HAND

A careful study of such questions as date, authenticity, authorship, composition, integrity, purpose and contents of the documents which comprise the New Testament. First semester. 2 hours. *(Omitted in 1925-1926.)*

B7. The Teachings of Jesus. HAND

Special emphasis is laid on Jesus' conception of the Kingdom of Heaven, his revelation of God and his doctrine concerning his own person and his claims on the fealty of men. Second semester. *(Omitted in 1925-1926.)*

B8. The Evolution of the English Version. HAND

A study of the various texts and versions by which the Bible has come to be a literary possession of the English-speaking race. First semester. 2 hours. *TTh, XII.*

B9. The First Interpreters of Jesus. HAND

A study of the teachings of Paul and the general Epistles as they have modified and interpreted Christianity. Second semester. 2 hours. *TTh, XII.*

C104a, C104b. Christian Origins. BROOKS

The purpose is to understand the program of Jesus in relation to present day problems. A survey of the transformation in Christianity in the age of the Apostles. *V.*

C109a, C109b. The Religious World. BROOKS

This course surveys the origin and growth of religious experience, the characteristics of a fully developed religion, the

rise of modern religious ideas, and the place of religion in social reconstruction. *III.*

C125. History of Religions. TAYLOR

A study of the nature of religion, with special reference to the essential facts of early religions, and a more thorough study of existing non-Christian religions, their chief teachings and influences. First semester. *VI.*

C126. History of Christianity. TAYLOR

A study of the chief facts of Christian history, with reference to the great leaders and teachings of Christianity. A study of successive movements through which God has worked out his purpose. Second semester. *VI.*

C131. Modern Movements in Religious Education. TAYLOR

The significance of great church movements and educational reforms; the revival of interest in religious education; historical background; individual and social factors; present tendencies and agencies. First semester. *IV.*

C132. Organization and Administration of Religious Education. TAYLOR

The educational function of the church and its relations to the community forces; the organization, administration and supervision of the church school; the selection of equipment and leaders; securing the correlation of all agencies in a unified program of religious education. The study provides a series of projects for the class and is, in part, a laboratory course. Second semester. *IV.*

D129. Psychology of Religion. WILLIAMS

An analytic study of the mental processes involved in the phenomena of religious emotion and belief. First semester. *VI.*

D130. Philosophy of Religion. DENISON

A philosophical examination of the fundamentals of religion, such as the nature of God, the problem of evil and the destiny of man. Prerequisite: Philosophy C125 or C127. Second semester. *VI.*

Spanish

A21a-A21b. Elementary. HUSSON

Essentials of grammar and pronunciation. Dictation, reading from easy modern texts. Two sections. *II, VII.*

B23a-B23b. Nineteenth Century Novel. HUSSON and NIVON

Selections from Perez Galdoz, Valdes, Valera, Pereda, Blasco

Ibanez. Collateral readings and reports, reports in Spanish. Prerequisite: Spanish A21 or equivalent. Three sections. *I, VI, VI.*

B24a, B24b. Composition and Commercial Correspondence. HUSSON

This course includes intensive drill in conversation and grammatical reviews. Prerequisite: Spanish A21a or equivalent. Two sections. 2 hours. *TTh, XII,* and *VIII.*

C125. Contemporary Literature. NIVON

Readings from the leading novelists since 1880. Lectures. This course, and all to follow, conducted in Spanish. First semester. *VIII.*

C126. Drama of the Golden Age. NIVON

Readings from Calderon, Lope de Vega, Tirso, J. R. de Alarcon, and others. Lectures in Spanish upon the history of Spanish literature. Collateral readings and reports. Required of those majoring in Romanic Languages and specializing in Spanish. Second semester. *VIII. (Withdrawn in 1925-1926.)*

C126. (bis.) Contemporary Spanish Drama. NIVON

A study of Benevente, Rivas and others of the leading dramatists of the present century. Collateral readings and reports in Spanish. Second semester. *VIII.*

C127a-C127b. Spanish Conversation. PIJOAN

Intensive drill in modern colloquial forms. Prerequisite: Spanish B23. 1 hour. *A.*

D128a-D128b. America del Sur. JONES

A comprehensive and detailed study of the geographical, historical, literary and cultural phases of the leading Latin American nations. Prerequisite: Spanish C125 and C126. *(Omitted in 1925-1926.)*

D129. Seventeenth Century Prose. PIJOAN

La Celestina. El Lazarillo. Prerequisite: Spanish C126. First semester. *II.*

D130. El Romancero. PIJOAN

The early Spanish ballads. El Poema del Cid. A study of the earliest manifestations in Spanish literature. Prerequisite: Spanish C126. Second semester. *II.*

D219. The Teaching of Spanish. ————

Second semester. 2 hours.

Zoology

B3a-B3b. The Human Body. GILCHRIST

A course in the structure and function of the human body. Students may enter the course either semester, but must attend both semesters for credit. Class periods, *MF, 1;* laboratory, *Th, 1:15-4:10.* Laboratory fee, $6.00 each.

B11. General Zoology. HILTON

Chiefly invertebrate groups considered. A general course which deals with the classification, general habits and distribution of animals. Prerequisite: Biology A1 or equivalent. First semester. Class, *TTh, 11;* laboratory, *T* or *W, 1:15-4:10.* Laboratory fee, $6.00.

B12. Vertebrate Zoology. HILTON

A continuation of B11. This course deals with the vertebrate groups, their general classification, habits and distribution. More attention is given to the comparative structures of backboned animals. Prerequisite: Zoology B3 or B11. Second semester. Class, *TTh, 11;* laboratory, *T* or *W, 1:15-4:10.* Laboratory fee, $6.00.

B18. Entomology. HILTON

A general course in the structure and classification of insects. Each student makes his own collection for identification and study. Prerequisite: Biology A1 or Zoology B11. Second semester. Class period, *T, VIII;* laboratory, *W* and *Th, 1:15-4:10.* Laboratory fee, $6.00.

C110. General Physiology. GILCHRIST

A study of function: including such topics as protoplasm, metabolism, irritability, and behavior. Prerequisites: Inorganic Chemistry and Zoology B3 or B11. Laboratory fee, $6.00. *(Omitted in 1925-1926.)*

C111. Advanced Invertebrate Zoology. GILCHRIST

A study of the classification and ecology of invertebrates (other than land arthropods), with especial reference to the local fauna. There will be a number of field excursions to nearby fresh waters and to the coast. Prerequisite: Zoology B11. First semester. Lectures, *MW, 4:15;* laboratory, *T* or *F, 1:15-4:10.* Laboratory fee, $3.00.

C112. Advanced Vertebrate Zoology. GILCHRIST

A lecture, field, and laboratory study of vertebrates, with special reference to the local fauna. A considerable proportion of the course will be devoted to birds. Prerequisite: Zoology B11. Second semester. Lecture, *W, 4:15;* field excursion, *W, 1;* laboratory, *T* or *F, 1:15-4:10.* Laboratory fee, $3.00.

C113a, C113b. Histology. HILTON

The first semester considers the tissues in general and the second the organs, especially of vertebrates. Some attention given to laboratory methods. This course is very helpful to special students of Zoology as well as to those expecting to prepare for medicine. Prerequisite: Zoology B3 or B11 and B12. Class, *T, IV;* laboratory, *TTh, 1:15-4:10.* Laboratory fee, $8.00 each. *(Omitted in 1925-1926.)*

D117a, D117b. Embryology. GILCHRIST

The first semester deals with maturation, fertilization and early development. The second semester is concerned with the formation of organs. Prerequisite: Zoology B3 or B11 and B12. Class, *M, V;* laboratory, *MW, 1:15-4:10.* Laboratory fee, $8.00 each.

D131. Zoological Seminar. HILTON, GILCHRIST

Reviews of important contributions in all fields of recent Zoological literature. Open to Juniors and Seniors. Second semester. 1 hour. *F, I.*

D133a, D133b. Neurology. HILTON

A general consideration of the functions and structure of the nervous systems and sense organs. Prerequisite: Two years of Zoological work. *A.* Laboratory fee, $6.00 each.

D135. Zoological Research. HILTON

This course is for undergraduates who are prepared to undertake special problems in general Physiology, Zoology or Entomology. Such problems may be with local insects or other animals or they may be of a general nature dealing with life functions and processes. Either semester. 1 to 3 hours. *A.* May be repeated for credit. Laboratory fee, $2.00 per hour.

D215. Zoological Research. HILTON

This course is like D135 but is intended for graduate students only and may include some of the work for the master's degree. 2 to 5 hours. *A.* May be repeated for credit. Laboratory fee, $2.00 per hour.

SUMMER SESSION 1925

COURSES OF INSTRUCTION

Art

SC111b. History of Modern Art — PIJOAN

Chemistry

SA1a-SA1b. Elementary Chemistry (6 hours) — LEIGHTON
SB7. Quantitative Analysis (3 hours) — LEIGHTON
SC111. Advanced Volumetric Analysis (3 or 4 hours) — LEIGHTON

Economics

SB31. Accounting — THOMSON

Education

SB103. Elementary Education — FITTS
SC104. History of Education in the U. S. — JAQUA
SC107. Educational Psychology — WILLIAMS
SC113. The Junior High School — FITTS
SC115. Secondary Education — HALL
SC116. The Principal and His School — WHALEY
SC117. Public School Administration and Supervision. — WHALEY
SC118. Education for Citizenship — NICHOLL
SC125. Growth and Development of the Child — WILLIAMS
SC130. Public Education in California — NICHOLL
SD116. Educational Tests and Measurements — WILLIAMS
SD216. Practice Teaching (2 or 4 hours) — NICHOLL and MISS WILLIAMS

English

SB5. English Literature of the 19th Century — AMENT
SB23. Advanced Composition (2 or 3 hours) — FRAMPTON
SC102. Modern Drama — FLANAGAN
SC108. American Literature — LINCOLN

SC128. The Short Story (2 or 3 hours) FRAMPTON
SD219. The Teaching of English FITTS

History

SC109. Western American History GILLINGHAM
SD131. Hispanic-American History PIJOAN

Mathematics

SA2. Trigonometry (3 hours) RUSSELL
SD219. The Teaching of Mathematics (2 hours) RUSSELL

Music

Mus. SA1. Harmony. HARTLEY
Mus. SC113. The Orchestra, the instruments, direction, repertory and orchestration HARTLEY
Mus. SC119. Public School Music in Elementary Grades PETERSON
Mus. SC120. Public School Music in High School PETERSON
Mus. SC110. Public School Music Practice Teaching (2 or 4 hours) PETERSON
Mus. SD212. Public School Music Supervision and Direction PETERSON

Political Science

SB2. American Constitution and Government GILLINGHAM
SB3. Introduction to Political Science GILLINGHAM

Public Address and Dramatics

SA31. Fundamentals of Speech (1 or 2 hours) SCOTT
SC134. Dramatic Reading and Interpretation SCOTT
SC135. Play Production FLANAGAN

Religon

SB109. A Modern Man's Religion BROOKS

Romanic Languages

French SA1 and 2. Elementary French (3 or 6 hours) JONES
French SB3 and 4. Second year French (3 or 6 hours) JONES
Spanish SA1. Elementary Spanish (3 hours) WRIGHT
Spanish SB23. Contemporary Spanish (3 hours) WRIGHT
Spanish SB24. The Legends of Spain (in Spanish) PIJOAN

Secretarial

Sec. SA1. Stenography THOMSON
Sec. SA2. Typing (one hour credit given only when accompanied by stenography) THOMSON

Zoology

Marine Laboratory at Laguna Beach

SA11. General Zoology (3 hours) HILTON
SB15. Marine Zoology (3 hours) HILTON
SB18. Zoology of Insects HILTON
SC and SD. Special advanced work as arranged with individuals.

ADMINISTRATION

Public Assemblies

Devotional exercises conducted ordinarily by the Dean or some member of the faculty, or an invited guest, are held in the chapel Monday, Tuesday, Thursday and Friday mornings; all students are expected to be present.

The Christian Associations meet at the chapel hour on Wednesday.

The policy of the College is to urge the students to associate themselves for worship with the Claremont Church or those in neighboring communities. For this reason there is no regular appointment for College worship on Sunday, though many forms of religious activity are maintained in connection with the churches.

Reports

A record of the scholarship and deportment of each student is kept, and deficient students are reported to the Registrar. Special reports are made at or near the Thanksgiving and Spring recesses; notification is sent to the parents of any students reported as deficient then, or at the end of the semester. Grades will be sent at any time upon request of parents.

The grade of scholarship is determined by the daily work of the classroom supplemented by frequent test reviews and by final examinations.

The aim is to encourage faithfulness and regularity in daily work rather than spasmodic effort to meet some single test.

Physical Attention

The physical care of students is a matter of special concern to the College and the advantages of unusual attention and opportunity are offered. The climate of Southern California

offers an out-of-door life the year round. Oversight is given to open-air athletics in all seasons. A regular physician is on the faculty of the College, under whose direction every student on entering has a physical examination. Regular work in physical education is prescribed throughout the four years, and courses in Physiology and Hygiene are given. A large swimming pool is provided, access to which is free to all students, subject only to a semi-annual physical examination. The medical advice of the College physician is ordinarily available free of charge to all students, subject to certain conditions of hours and location of residence, the College meeting these bills; provided that all nursing, surgical dressing, and medicines as well as medical service in chronic or protracted illness are at the expense of the ill or injured. *The College, however, reserves the right to discontinue this individual medical service at any time without previous notice.* As a natural result of all this attention the health of the College is such as to give special assurance to all considering attendance at Pomona.

General Requirements

Students are expected to be loyal to the spirit and purpose of the institution and to maintain regular attendance on all College appointments. Any student who falls below grade in scholarship, or who, for any reason, in the judgment of the faculty or its proper committees, is felt not to be a desirable member of the student body, may be dismissed without specific charges.

It is assumed that, as far as possible, students will room at the College residence halls and board at the College Commons. Any other arrangement for room or board must have the approval of the proper Dean. Lists of approved rooms for men are kept at the office of the Dean of the College; for women, at the office of the Dean of Women. All rooms in the College residence halls are rented for the College year. Unless there is a

written agreement to the contrary, it is assumed that rooms in private houses are rented for one semester. Change of rooms is made only by permission of the Deans.

To avoid misunderstanding between students and householders, it is advised that agreements regarding rooms be put in written form.

It is urgently pointed out to both students and parents that the value of a college education consists in no small degree in the fullest participation in the college atmosphere and life. It is important, therefore, that all absence through the college year should be avoided. Some of the most important of the college values are lost by absences on Saturday and Sunday, on which days are centered particular and vital phases of the common life, and it is therefore urged that over-Sunday visits at home or elsewhere be avoided.

Experience bears out the conclusion that the owning or renting of automobiles by students while in residence at college, except in cases where they are used regularly for local transportation to and from college, is a distinct detriment to faithful participation in those common phases of college life which are of greatest value, and especially discourages concentration upon a serious program of study. The College, therefore, strongly advises parents not to provide automobiles for students, except when they are a practical necessity in carrying forward a normal collegiate program of study and work.

The use of tobacco is discouraged at all times.

Detailed information regarding college requirements is found in the *Manual of Procedure*, which should be secured by all students at the office of the Registrar.

Expenses

Rooms in College Residence Halls. A deposit of $10.00 is necessary to secure a room and should accompany the application for the room. This amount is retained as a breakage

fee, from which deductions will be made for individual and communal damages to the building, the balance being returned at the end of the year. Rooms are assigned to new students in order of application.

The charge for rent does not include the use of the halls during the Christmas and Spring vacations when the halls are closed. The residence halls are opened the Saturday before the opening of the College year and closed the second day after commencement.

Each room is provided with the necessary furnishings, including rug for the floor; the only articles to be furnished by the student are towels, and linen and covers for a single bed.

The College reserves the right to dismiss from a dormitory without rebate any student who becomes a disturbing or undesirable occupant.

SMILEY HALL. This dormitory for men has both single rooms, and suites of three rooms accommodating two students. As the rooms are equally desirable, each occupant pays $100.00 for the College year.

RESIDENCE HALLS FOR WOMEN. Harwood Court, the beautiful residence hall for women, in which is included the dormitory known as Strong Hall, was completed in 1920. It has both single and double rooms, as well as suites for two or three students. For each individual the charge is ordinarily $150.00 for the College year. In a few cases rooms are $130.00 each, if occupied by two students; $200.00 if occupied by one.

The cottages have double rooms, each student paying from $120.00 to $140.00 per year, according to the location of the room.

Women occupying College residence halls or cottages are expected to board in the College dining-room, and rooms are rented in these buildings only in conjunction with the advance payment for board. Freshman women not resident in their own homes

are also expected to board in the College dining-room.

BOARD. In the College dining-room provision is made for the boarding of students under the direct management of the College. The rates are the lowest consistent with good quality of food and service, the approximate cost for 1925-1926 being $260.00. Arrangements may be made to pay either by installments or by the semester. All board bills are payable in advance.

In addition to the College dining-room there is a cafeteria dining-room seating approximately one hundred students. The quality and cost of food in the two rooms are the same.

Men or women wishing to board at other approved places than the College dining-room or the cafeteria may do so by permission of the proper Dean, except as specified above.

SUMMARY OF EXPENSE. The necessary expense for the College year, exclusive of fees for special courses and expenses which are purely personal, is about $650.00. Bills are due each semester in advance, and must be paid upon registration. If parents desire bills to be sent home, written request should be made before the beginning of a semester.

No student will be retained in the institution or given honorable dismissal whose bills are not paid or arranged for.

TUITION

All tuition bills must be paid at the beginning of each semester. Until this has been done cards entitling the student to admission to classes will not be issued.

GENERAL CHARGES

Regular tuition, including all general privileges, Music and Drama Course Ticket, Library privileges, etc. per semester	$125.00
Tuition for students carrying less than twelve hours of work, for each such hour, per semester, exclusive of above general privileges	10.50

CHARGES IN MUSIC AND ART[1]

For those paying regular tuition:

For each half-hour private lesson in music per week, per semester 35.00

For each class lesson per week in art, per semester..... 18.00

For those carrying less than twelve hours of college work, exclusive of work in music or art:

For one half-hour private lesson in music per week, per semester 50.00

For each half-hour private lesson in music in excess of one, per semester..... 35.00

For each class lesson in art per week, per semester, for the first lesson..... 25.00

For each additional lesson in art..... 18.00

For juveniles under high school age, and not given college privileges:

For one half-hour private lesson in piano, per week, per semester..... 25.00

For two half-hour private lessons in piano per week, per semester 47.50

FEES

Graduation fee, $10.00.

Laboratory fees range from $2.00 to $15.00. The exact fee for a given course is stated in connection with the description of that course under Departments of Instruction; in advanced courses only does it exceed $10.00.

A visitor's fee of $5.00 is required from those visiting a course of study and $3.00 for each additional course.

BREAKAGE DEPOSITS

Bacteriology and Plant Physiology, $5.00 each.

Chemistry, $10.00 for each course taken.

[1]Students may register for Applied Music at any time, equitable charges being arranged upon application.

Practice fees for the use of College pianos and organs:

PIANO

One-half hour daily, per semester (voice students)	$ 3.50
One hour daily, per semester	6.00
Two hours daily, per semester	12.00
Three hours daily, per semester	18.00

GRAND PIANO

One hour daily, per semester	$ 9.00

Additional hours at same rate.

GREAT ORGAN IN BRIDGES HALL

One hour weekly, per semester	$ 7.50

Additional hours at same rate.

PRACTICE ORGAN

Two hours weekly, per semester	$ 6.00
Three hours weekly, per semester	8.25
Four hours weekly, per semester	10.50
Five hours weekly, per semester	12.75
Six hours weekly, per semester	15.00

PEDAL ORGAN

One hour daily, per semester	$9.00

PRACTICE FEE, VIOLIN OR VIOLONCELLO

Room without piano, one hour daily, per semester	$ 1.50

Additional hours at same rate.

Refunds

Tuition. A refund amounting to one half of the tuition paid is granted to those leaving before the middle of the semester because of illness.

Fees. A refund amounting to one half the fee paid, is made in case of withdrawal from laboratory courses before the middle of the semester.

Room. Students withdrawing from College during a semester, receive a refund in case the room is re-rented.

HONORS AND PRIZES

Honors at Graduation

Honors at graduation are of two types, General Honors and Departmental Honors.

General Honors: Graduation "*cum laude*" is granted to those who earn 50 per cent more credits than hours and graduation "*magna cum laude*" to those earning 75 per cent more credits than hours. The honor "*summa cum laude*," if granted, is awarded by a committee "consisting of one member of the faculty selected from and by each (group) division of the Faculty" from the number of those entitled to the "*magna cum laude.*"

In the determining of General Honors all the work taken is considered except the required work in Physical Education.

Departmental Honors: Juniors of special ability are permitted to pursue for the remainder of their college work a special *Honors Course* which involves partial freedom from classroom requirements and comprehensive examinations at the end of the senior year. Such students are expected to read widely over a field somewhat broader than a single department, and also to develop rather intensively a narrower field. Their initiative is expected to lead them to more than usual understanding.

Students who successfully complete the *Honors Course* are given degrees "with Honors in————————(name of department)" or "with High Honors in————————(name of department)."

Further information concerning the *Honors Course* may be obtained from the Honors Committee of the Faculty.

Honors in Course

Course Honors are given at the end of each semester to undergraduate students who average 85 per cent more credits than the honors for which they were registered. The grades in Physical Education and Applied Military Science are not considered in

the award of these honors, save that they must be at least passing.

Course Honors for the first semester are published early in the second semester; those for the second semester early in the next fall, save that second semester honors of seniors are published Commencement Day.

The Phi Beta Kappa Society

The Pomona Chapter of Phi Beta Kappa is the Gamma of California.

Upperclassmen "who are of good moral character, who are candidates for the degree of Bachelor of Arts, and who are distinguished for breadth of culture and excellence of scholarship" are eligible to membership in the Phi Beta Kappa Society.

Prizes

The following prizes are offered for proficiency in the work of the several departments:

The Carolyn Alchin Music Prize: A prize for the best work in Advanced Harmony. A prize of twenty-five dollars is given by Miss Carolyn Alchin.

The Barbara Sanford Allen Prize: An annual competitive prize of a value of not less than fifty dollars to be awarded to a student of organ playing in the Department of Music. This award is made possible by the husband and parents of a graduate of the Class of 1915 of Pomona College.

The Llewellyn Bixby Mathematics Prize: A prize for excellence in Analytic Geometry and Calculus; open to all students completing both Mathematics B13 and C115. A prize of ten dollars is given by Mr. Llewellyn Bixby.

The Dole Prizes: A prize debate, open to the Sophomore class, upon some subject selected by the faculty, is arranged for the close of the second semester. First and second prizes of ten and five dollars, respectively, established by the late Mr. J. H. Dole, in memory of his brother, Mr. W. B. Dole, are endowed by Mr. J. Albert Dole and Mr. A. M. Dole.

The Hager Prizes: Prizes for the best three essays on a foreign missionary subject, open to all students. Prizes of ten dollars each were endowed by the late Mr. and Mrs. C. R. Hager.

The Kinney Prizes: A prize declamation contest, open to the members of the Freshman class, occurs toward the end

of the first semester. First and second prizes of fifteen and ten dollars, respectively, are given by Mrs. H. N. Kinney.

THE LORBEER PRIZES: Prizes for the best essay on the subject, "How to Keep Well"; open to all who take the course in Anatomy and Physiology. First and second prizes of fifteen and ten dollars, respectively, are given by Dr. Thomas L. Lorbeer, '03.

THE MONCRIEFF ASTRONOMY PRIZE: A prize given to the student in the first year course in Astronomy, taken regularly in class, whose interest in the study and proficiency in the observatory work are indicated by the best notebook kept in accordance with the teacher's suggestion. A prize of ten dollars is given by Miss Flossie C. Moncrieff, '11.

THE MUDGE LATIN PRIZES: Prizes for excellence in Latin offered to those completing Latin D114. First and second prizes of ten and five dollars, respectively, are endowed by friends of the College.

THE VAILE PRIZES: Prizes for the best essay or oration on the general subject of Agriculture in Southern California; open to the Junior and Senior Classes. First and second prizes of fifteen and ten dollars, respectively, were endowed by the late Mr. Charles S. Vaile.

SCHOLARSHIPS AND BENEFICIARY AID

The income of certain funds is used towards paying the tuition fees of students who are in pecuniary need, and, by authorization of the trustees, is distributed annually through a committee of the faculty. Scholarship aid is given only to students who are or intend to become candidates for a degree from Pomona College, who maintain a high standard of honor, who are economical in their habits, who do not use tobacco, who are regular in their attendance upon college exercises, and whose scholarship meets the following condition: The maintaining, after the first semester of the Freshman year, of at least "C" grade.

Applicants for aid who have not yet entered College should forward to the Chairman of the Committee on Student Aid and Labor, a formal application accompanied by two letters, one from parent or guardian and the other from principal or teacher, giving information concerning need, character and attainments. They should also send a certified statement of their scholastic record. All applications for aid must be renewed annually on or before May first.

Aid may be withdrawn at any time from students who prove not to have conformed to the conditions, and is permanently withdrawn after the second forfeiture due to low standing or unsatisfactory deportment.

Recipients of scholarship aid may be called upon to assist the College in ways that do not interfere with their studies.

Awards are made from the income of the following funds:

THE FRANCIS BANCROFT MEMORIAL FUND, $1,500. Given by Mrs. James T. Ford of Los Angeles, California, in memory of her father.

A FUND OF $2,500. Given by L. H. BARROWS.

THE H. G. BILLINGS MEMORIAL SCHOLARSHIP, $1,000. Given by Mrs. E. A. Billings of Los Angeles, California, in memory of her husband.

THE MABEL S. BRIDGES MEMORIAL SCHOLARSHIP, $3,500. Given by Mr. and Mrs. A. S. Bridges of San Diego, California, in memory of their daughter. Available for women.

The Kate Condit Brimhall Memorial Music Scholarship Fund, $2,000. Given by the late Mr. and Mrs. A. P. Condit.

The Bristol Memorial Fund, $400. A fund raised as a memorial to the Reverend Sherlock Bristol.

The Henry Herbert Brown Scholarship Fund, $1,000. Given by Mrs. Fannie E. Brown of Los Angeles, California, in memory of her son.

The Bessie A. Brown Scholarship Fund, $1,000. Given by Mrs. Fannie E. Brown of Los Angeles, California, in memory of Bessie A. Brown.

A Fund of $941.78. Given by the Class of 1918 towards the founding of a scholarship.

The Charles C. Cragin Memorial Scholarship Fund, $5,025. Given by Mrs. Laura E. Cragin in memory of her husband, Rev. Chester Charles Cragin.

The Agnes K. Crawford Memorial Fund, $1,000. Given by David R. Crawford and William Crawford, in memory of their mother.

Ebell Club of Pomona Scholarship Fund, $200.

A Fund of $2,600. Given by Mary E. Elwood of Redlands, California.

A Fund of $2,500. Given by Rev. James T. Ford of Los Angeles, California.

A Fund of $1,000. Given by Mrs. Margaret Fowler of Pasadena, California.

A General Fund of $11,365.

Alice Paul Harwood Scholarship Fund of $1,000. Open to graduates of Chaffey Union High School of Ontario.

A Fund of $5,000. Given by Charles E. Harwood, LL.D., of Upland.

The Thomas F. Howard Memorial Scholarship Fund, $2,000. Given by Dr. and Mrs. H. G. Brainerd of Los Angeles, California, in memory of Mrs. Brainerd's father.

Stella M. King Scholarship Fund for Women, $10,000.

A Fund of $2,000. Given by Henry L. Kuns of La Verne.

A Fund of $1,800. Given by Miss Jean Loomis, '97, of Nanking, China.

The Howard J. Mills Fund of $3,000. Given by Mrs. Howard J. Mills of Los Angeles, California, in memory of her husband.

THE ONTARIO CONGREGATIONAL CHURCH FUND, $186.50. Given by the Ontario Congregational Church towards the founding of a scholarship.

A FUND OF $5,000. Given by Mrs. Loraine H. Page of Pomona, California. (Three thousand dollars of this may at some time be used for other purposes.)

THE ARTHUR WARREN PHELPS MEMORIAL SCHOLARSHIP FUND, $2,000. Given by the late Mrs. C. S. and Mr. C. A. Phelps, in memory of their son and brother.

THE LYDIA PHELPS MEMORIAL FUND, $4,000. Given by Hiram E. Phelps of Ontario, California, in memory of his wife.

THE PILGRIM CHURCH OF POMONA FUND, $1,472.44. Given by the Pilgrim Congregational Church of Pomona towards the founding of a scholarship.

THE JOHN D. POTTER MEMORIAL FUND, $2,000. Given by Mrs. S. T. Potter of Westboro, Massachusetts, in memory of her husband.

A FUND OF $1,800. Given by Dr. Anna H. Searing of Escondido, California.

THE WALTER O. SHATTO MEMORIAL FUND, $4,000. Given by Mrs. Clara R. Shatto in memory of her husband.

THE CLYDE H. SHIELDS SCHOLARSHIP FUND, $1,200. Given by R. P. Shields of San Diego, in memory of his oldest son, who was drowned in 1894, when about twenty-one years of age.

THE SWEET SCHOLARSHIP FUND OF $2,500. Given by Harlan P. Sweet in memory of his wife, C. Nell Sweet.

A FUND OF $2,000. Given by Miss Susan E. Thatcher of San Diego.

A FUND OF $1,000. Given by Mrs. Maria T. Wardwell of Plymouth, Connecticut.

A FUND OF $2,000. Given by Henry S. West of Los Angeles.

The College also administers loan funds established by the bequest of Ellen H. Lyman and by George H. De Kay, Jr., in memory of his brother Frelin Campbell De Kay. By means of these funds, it is possible to co-operate in a moderate way, and temporarily, with the pressing need of students.

THE HARMON FOUNDATION extends to four selected students its assistance by a loan for tuition.

THE HENRY STRONG SCHOLARSHIPS (three scholarships of $250 each), $750. Established by the Henry Strong Foundation under the provisions of the will of Henry Strong, late of Chicago, Illinois, and Santa Barbara, California.

SELF-SUPPORT

A committee of the faculty endeavors to find employment for students needing to earn a part of their expenses. Many are thus helping themselves by various forms of labor such as janitor work, waiting on tables at the Commons, general house work, gardening and the like. The most desirable positions are in general secured by upperclassmen who have proven themselves good workers and good students, and those coming to the College for the first time should be content if any work which they can satisfactorily do is secured for them. Students in any case should come prepared to pay all bills for at least one semester. Their record during this semester will be a large factor in deciding what opportunities for self-help will be open to them. Applications for aid in securing employment should be addressed to the Chairman of the Committee on Student Aid and Labor.

BUILDINGS AND EQUIPMENT

The College grounds consist of about four hundred acres, of which sixty are included in Blanchard Park, about ten in Alumni Field, thirty in a prospective athletic field, fifty in the campus proper, centering in Marston Quadrangle, and two hundred and fifty in a newly acquired tract, the gift of Miss Ellen B. Scripps.

There are nineteen buildings on the campus, heated from a central heating plant.

The Mary L. Sumner Hall, named in memory of the wife of Professor Charles B. Sumner, has been removed from its original site and remodeled for administrative and faculty uses.

Holmes Hall, a memorial of Cyrus W. Holmes, Jr., of Monson, Massachusetts, reconstructed in 1916 in conformity with more modern plans for buildings and campus, is devoted mainly to chapel, recitation rooms, the Business office, and various offices of administration.

Pearsons Hall of Science, the gift of Dr. D. K. Pearsons, contains the laboratories and lecture rooms of the departments of physics, psychology, mathematics and engineering.

The Library, the gift of Mr. Andrew Carnegie, is an imposing structure, exceptionally well adapted to the purposes for which it was built.

The Frank P. Brackett Observatory, the gift of Mr. Llewellyn Bixby, '01, is designed throughout to be of service to the student in the direct study of the stars.

The Albert K. Smiley Hall is the dormitory for men. It has both single rooms and suites of three rooms, affording accommodations for eighty students. The dormitory has all modern conveniences and is completely furnished.

Harwood Court is a large and adequate dormitory affording accommodations for about two hundred women.

The College also owns several cottages, in which similar accommodations can be secured. These facilities have been made pos-

sible by large and generous gifts from friends of the College.

Rembrandt Hall, the first section of the Art Building, is devoted chiefly to the work of the Department of Art. The upper floor contains studio and work rooms; the lower floor a convenient auditorium of moderate size for exhibits and assemblies.

The Mabel S. Bridges Hall of Music, the gift of Mr. and Mrs. Appleton S. Bridges, of San Diego, offers opportunities for the study of music unexcelled in the West.

The Gymnasium, comprising three commodious structures, affords ample equipment for physical training and includes a large swimming pool.

The Claremont Inn has, besides two large student dining-rooms, accommodations for eighty guests.

The Open-Air Theater, built to take advantage of the natural setting of Blanchard Park, though uncompleted, has at present a seating capacity of over 4000.

The Harwood Hall of Botany, the gift of Mr. A. P. Harwood, of Upland, contains lecture rooms and laboratories for the use of the Department of Botany.

The Memorial Training Quarters stands as a remembrance of the Pomona College men who lost their lives in the Great War. It represents the gift of the parents of one of those men, Sheldon Gerry, '17, supplemented by those of alumni, students and friends.

The Mason Hall of Chemistry, completed in 1922, the gift of Mr. W. S. Mason, is unsurpassed in structure and equipment for the study of Chemistry.

The Crookshank Hall of Zoology, completed in 1923, is the gift of Mr. D. C. Crookshank. It provides amply for the needs of the Department of Zoology.

The Marine Laboratory, located at Laguna Beach, has nine private rooms for special workers and two general laboratories, as well as storerooms, work rooms and aquarium room.

Various smaller buildings add to the completeness of the College plant.

The Library

The main library, of 47,509 books and 42,349 pamphlets, has been carefully selected, and represents a working library of exceptional value.

The College possesses the following library collections in addition to the main library: The Cook-Baker Biological Library, the Astronomical Library, the New England Collection, the Mason California Collection, and the Viola Minor Westergaard Art Collection.

The main library and the New England and Mason California Collections are housed in the Carnegie Library Building, the Cook-Baker Library in Crookshank Hall, the Astronomical Library in the F. P. Brackett Observatory, and the Westergaard Art Collection in Rembrandt Hall.

The library is a depository for the publications of the Carnegie Institution of Washington, and for the United States Government documents. The library has a well selected list of the most valuable scholastic and general periodicals.

DEPARTMENTAL ORGANIZATIONS

Under the general direction of various departments the following organizations have been formed:

The Pomona College Glee Club
The Pomona College Women's Glee Club
The Pomona College Choir
The Pomona College Symphony Orchestra
The Pomona College Band
The Astronomical Society
The Society of Pure and Applied Mathematics
The History Club
Le Cercle Francais
El Circulo Espanol
Il Circolo Italiano
Der Deutsche Verein

STUDENT ACTIVITIES

THE ASSOCIATED STUDENTS. This association coordinates all student activities. Its officers are chosen by the student body from their own number. All important questions are considered by its executive committee, which is composed of those prominent in such varied lines as athletics, oratory, and the editorship of the Student Life. This body has charge of inter-collegiate as well as inter-class relations.

ASSOCIATED WOMEN STUDENTS. The women of the student body form a voluntary organization, electing their own officers and committees and holding regular meetings. This organization considers and promotes the special interests of the women.

CHRISTIAN ASSOCIATIONS. Branches of the Young Men's Christian Association and the Young Women's Christian Association are well organized and doing effective work. Representation in the inter-collegiate and state conventions and the visits of active workers from outside serve to maintain interest in the work both at home and abroad.

Literary, debating and dramatic organizations are represented by the following:

THE POMONA COLLEGE DEBATING CLUB

ALPHA KAPPA

THE POMONA COLLEGE LYCEUM

AREOPAGUS

DELTA LAMBDA

THE MASQUERS

THE COSMOPOLITAN CLUB has for its object the promotion of friendly relations among the various nationalities represented in Pomona College. Membership is open to any student or member of the Faculty whose home is outside of the United States or who has at some former time resided in a foreign country.

ATHLETICS. The direction and financial management of athletics rest with the Director of Athletics, who has associated with him as an advisory body the Athletics Council, composed of three members of the faculty and three students. Under the general manager there is a student manager for each sport.

Alumni Field, consisting of about ten acres, has been developed by the alumni into athletic grounds unsurpassed in the Southwest in equipment and beauty of setting. First-class tennis courts, an excellent track, baseball and football fields, also hockey and basketball courts are within the limits of the campus, the courses of the Indian Hill Golf Club are available, and athletic exercises and field sports are encouraged by the officers of the institution.

A swimming pool, of the standard size for water polo, and fully equipped with modern appliances, is open to all students. An invariable condition to the use of the pool is a semi-annual medical examination.

Students are required to maintain a certain standard of excellence in all their studies in order to represent the College on any of its athletic teams or other organizations coming before the public.

PUBLICATIONS

The stated publications of the College are issued as numbers of the *Pomona College Bulletin*, which is published bi-monthly. These include:

The *Annual Catalog.*

The *Annual Register of Alumni.*

The *Annual Register of Faculty and Students.*

The *Annual Announcement of Courses.*

Alumni and departmental publications are:

The Pomona College Quarterly Magazine, devoted to the interests of the College and Alumni.

The Journal of Entomology and Zoology, published under the auspices of the Department of Zoology.

The Publication of the Astronomical Society of Pomona College, published under the auspices of the Department of Astronomy.

The College Letter, issued by the College for the information of the alumni.

Student Publications

The *Student Life* is published tri-weekly by the student body and is devoted to current affairs.

Manuscript is a literary magazine issued four times a year.

The *Metate* is published each year by the Junior class, and contains material appropriate to a college annual.

The *Association Hand Book*, which contains material of value, especially to new students, is issued at the beginning of the year by the Christian Associations.

BUREAU OF APPOINTMENTS

A Bureau of Appointments is conducted in connection with the office of the Secretary of the Faculty for the benefit of members of the College who desire to teach after graduation. The purpose of the Bureau is to maintain a list of available positions and to recommend from the applicants registered those who are qualified for specific positions.

An opportunity is also offered graduates of the College who are already engaged in teaching, to register their present positions and to indicate whether they desire a change, and if so, under what conditions. An effort is made to further the desires of graduates so far as made known. The services of the Bureau are entirely gratuitous. Communications should be addressed to the Bureau of Appointments.

Summary of Students

November, 1925

Graduate Students	27
Seniors	164
Juniors	206
Sophomores	205
Freshmen	235
Specials	25
Total Enrollment Regular Session	862

Summer Session

Regular Students at Claremont	248
Regular Students at Laguna	18
Students registered for Music only	36
Auditors	21
Total	323

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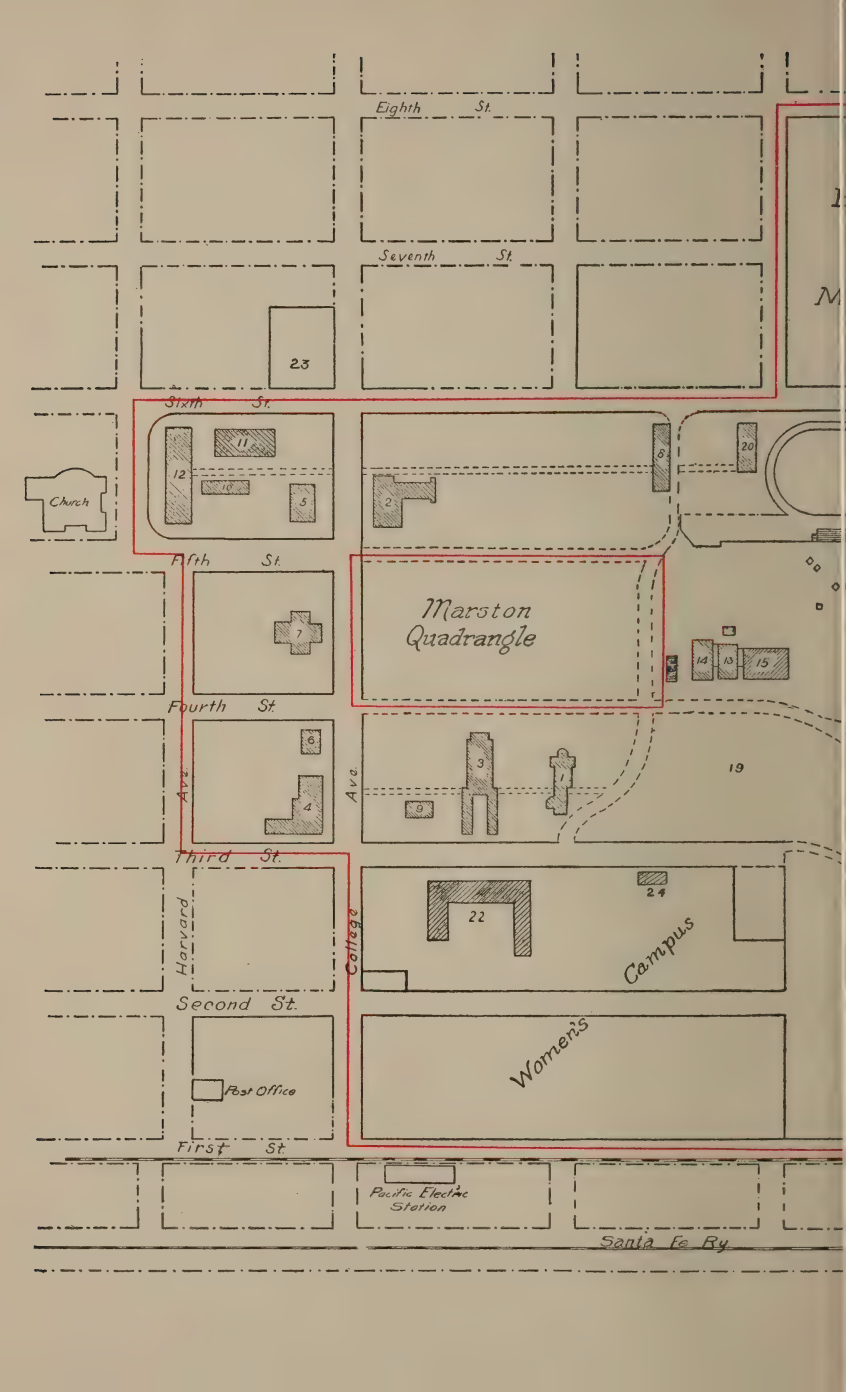
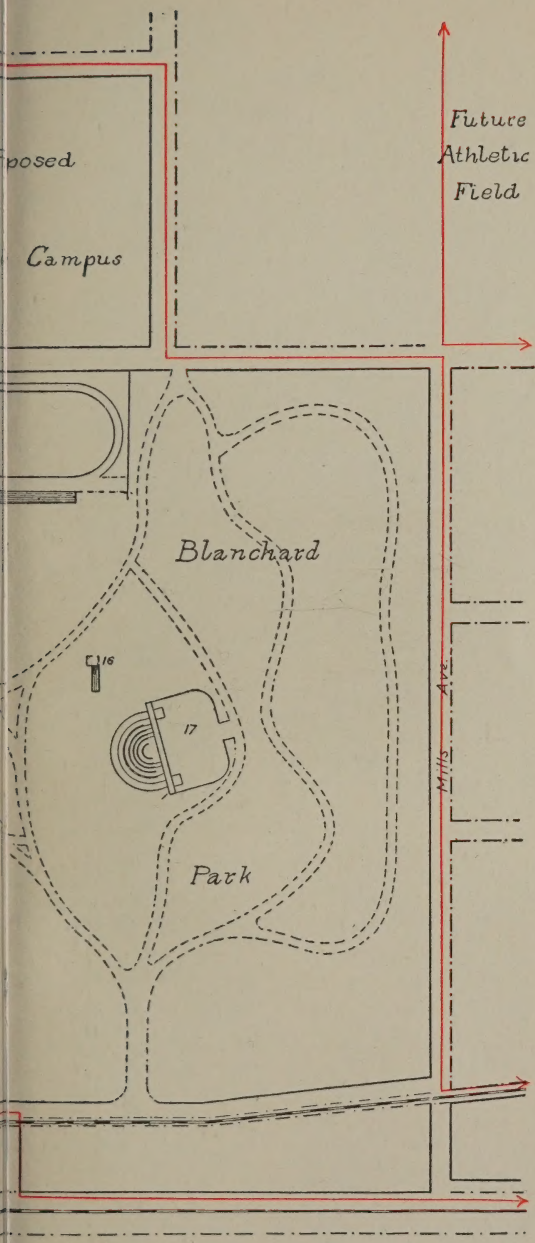

Eighth St.
Seventh St.
23
Sixth St.
11
12
10
5
Church
2
6
20
Fifth St.
7
Marston Quadrangle
14
15
Fourth St.
8
3
19
4
Ave.
Ave.
Third St.
24
22
Campus
Harvard
College
Second St.
Post Office
Women's
First St.
Pacific Electric Station
Santa Fe Ry



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2. *Holmes Hall (Recitation and Chapel)*
3. *Bridges Hall (Music)*
4. *The Inn and Commons*
5. *Pearsons Hall (Science)*
6. *The President's House*
7. *The Library*
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